TOSHIBA

FOR DIAGNOSTIC ULTRASOUND SYSTEM



MODEL SSH-880CV V2.50 (DICOM KIT USDI-880A)

TOSHIBA MEDICAL SYSTEMS CORPORATION

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1. CONFORMANCE STATEMENT OVERVIEW

Table 1-1 provides an overview of the network services supported by $Aplio^{TM}$ $Artida^{TM}$.

Table 1-1 NETWORK SERVICES

SOP Classes	User of Service (SCU)	Provider of Service (SCP)	
Transfer			
Secondary Capture Image Storage	Yes	Yes	
Ultrasound Image Storage	Yes	Yes	
Ultrasound Multi-frame Image Storage	Yes	Yes	
Enhanced SR Storage	Yes	Yes	
Storage Commitment			
Storage Commitment Push Model	Yes	No	
Query/Retrieve			
Study Root Q/R Information Model – Find	Yes	No	
Study Root Q/R Information Model – Move	Yes	No	
Workflow Management			
Modality Worklist Information Model – Find	Yes	No	
Modality Performed Procedure Step	Yes	No	
Print Management			
Basic Grayscale Print Management	Yes	No	
Basic Color Print Management	Yes	No	

Table 1-2 provides an overview of the Media Storage Application Profiles supported by $Aplio^{TM}$ $Artida^{TM}$.

Table 1-2 MEDIA SERVICES

Media Storage Application Profile	Write Files (FSC or FSU)	Read Files (FSR)
Compact Disk – Recordable		
General Purpose CD-R	Yes	Yes
DVD Plus Recordable		
General Purpose DVD	Yes	Yes
USB Media		
General Purpose USB Media	Yes	Yes

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3. INTRODUCTION

3.1 AUDIENCE

This document is intended for hospital staff, health system integrators, software designers or implementers. It is assumed that the reader has a working understanding of DICOM.

3.2 REMARKS

DICOM, by itself, does not guarantee interoperability. However, the Conformance Statement facilitates a first-level validation for interoperability between different applications supporting the same DICOM functionality.

This Conformance Statement is not intended to replace validation with other DICOM equipment to ensure proper exchange of information intended.

The scope of this Conformance Statement is to facilitate communication with Toshiba Medical Systems and other vendors' Medical equipment. The Conformance Statement should be read and understood in conjunction with the DICOM Standard [DICOM]. However, by itself it is not guaranteed to ensure the desired interoperability and a successful interconnectivity.

The user should be aware of the following important issues:

- The comparison of different conformance statements is the first step towards assessing interconnectivity between Toshiba Medical Systems and non-Toshiba Medical Systems equipment.
- Test procedures should be defined to validate the desired level of connectivity.
- The DICOM standard will evolve to meet the users' future requirements. Toshiba Medical Systems is actively involved in developing the standard further and therefore reserves the right to make changes to its products or to discontinue its delivery.

3.3 DEFINITIONS, TERMS AND ABBREVIATIONS

Definitions, terms and abbreviations used in this document are defined within the different parts of the DICOM standard.

Abbreviations and terms are as follows:

AE Application Entity

ASCE Association Control Service Element

CD-R Compact Disk Recordable

DIMSE DICOM Message Service Element

DVD A trademark of the DVD forum that is not an abbreviation

DVD+R DVD Plus Recordable

FSC File-Set Creator

FSR File-Set Reader

FSU File-Set Updater

IE Information Entity

IOD Information Object Definition

ISO International Standard Organization

MPPS Modality Performed Procedure Step

MSPS Modality Scheduled Procedure Step

MWM Modality Worklist Management

PDU Protocol Data Unit

SCU Service Class User (DICOM client)

SCP Service Class Provider (DICOM server)

SOP Service-Object Pair

UID Unique Identifier

USB Universal Serial Bus

3.4 REFERENCES

[DICOM] Digital Imaging and Communications in Medicine (DICOM), NEMA PS 3.1-3.18, 2008

4. NETWORKING

4.1 IMPLEMENTATION MODEL

4.1.1 Application Data Flow

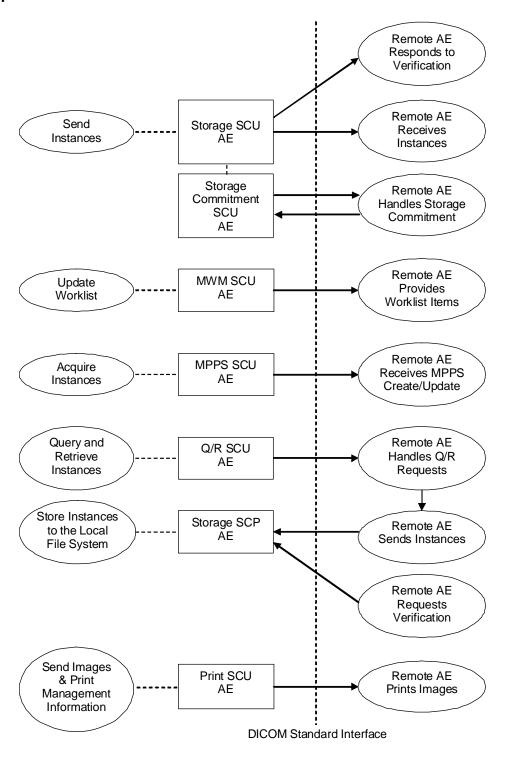


Figure 4.1-1
APPLICATION DATA FLOW DIAGRAM

- The Storage SCU AE sends instances to a remote AE. It is associated with the local real-world activity "Send Instances". "Send Instances" is performed upon user request for specific instances selected. If the remote AE is configured as a Storage Commitment SCP AE, the Storage SCU AE will send a storage commitment request to the Storage Commitment SCU AE. The Storage SCU AE can also issue C-ECHO requests as a Verification SCU.
- Receiving the storage commitment request from the Storage SCU AE, the Storage Commitment SCU AE
 will request Storage Commitment and if a commitment is successfully obtained will record this
 information in the local database.
- The MWM SCU AE receives worklist information from a remote AE. It is associated with the local real-world activity "Update Worklist". When the "Update Worklist" is performed the MWM SCU AE queries a remote AE for worklist items and provides the set of worklist items matching the query request. "Update Worklist" is performed manually or automatically.
- The MPPS SCU AE sends MPPS information to a remote AE. It is associated with the local real-world activity "Acquire Instances". When the "Acquire Instances" is performed the MPPS SCU AE creates and updates Modality Performed Procedure Step instances managed by a remote AE. Acquisition of instances will result in automated creation of an MPPS instance. Completion of the MPPS is performed as the result of an operator action.
- The Q/R SCU AE queries a remote AE for lists of studies and retrieves selected studies. It is associated with the local real-world activity "Query and Retrieve Instances".
- The Storage SCP AE receives incoming instances. It is associated with the local real-world activity "Store Instances to the Local File System". "Store Instances to the Local File System" stores the received instances to the local file system. The Storage SCP AE can also respond to C-ECHO requests as a Verification SCP.
- The Print SCU AE prints images on a remote AE (Printer). It is associated with the local real-world activity "Send Images & Print Management Information". "Send Images & Print Management Information" creates a print-job within the print queue containing one or more virtual film sheets composed from images selected by the user.

4.1.2 Functional Definition of AEs

4.1.2.1 Functional Definition of Storage SCU AE

The existence of a send-job queue entry with associated network destination will activate the Storage SCU AE. An association request is sent to the destination AE and upon successful negotiation of a Presentation Context the instance transfer is started. If the instance transfer fails, the Storage SCU AE will retry this send-job automatically. If the remote AE is configured as a Storage Commitment SCP AE, the Storage SCU AE will send a storage commitment request to the Storage Commitment SCU AE. The Storage SCU AE can also issue C-ECHO requests as a Verification SCU for service purposes when a remote AE is configured.

4.1.2.2 Functional Definition of Storage Commitment SCU AE

Receiving the storage commitment request from the Storage SCU AE, the Storage Commitment SCU AE will request Storage Commitment and if a commitment is successfully obtained will record this information in the local database.

4.1.2.3 Functional Definition of MWM SCU AE

The MWM SCU AE attempts to download a worklist from a remote node. If the MWM SCU AE establishes an association to a remote AE, it will transfer patient's information and worklist items via the open association. The results will be displayed in a separate list. The patient's information will be used for the patient registration.

4.1.2.4 Functional Definition of MPPS SCU AE

The MPPS SCU AE performs the creation of an MPPS Instance automatically when the user selects and starts a worklist item. Further updates on the MPPS data can be performed when the user completes the acquisition.

4.1.2.5 Functional Definition of Q/R SCU AE

The Q/R SCU AE is activated when the user selects a remote node to query and enters some key information, Patient's Name, Patient ID and/or Study Date. The user can select studies to be retrieved. The instances will be received at the Storage SCP AE.

4.1.2.6 Functional Definition of Storage SCP AE

The Storage SCP AE waits for another application to connect at the presentation address configured for its Application Entity Title. The Storage SCP AE will accept Associations with Presentation Contexts for SOP Classes of the Verification and Storage Service Classes. Any instances received on such Presentation Contexts will be stored to the local file system.

4.1.2.7 Functional Definition of Print SCU AE

The existence of a print-job in the print queue will activate the Print SCU AE. An association is established with the printer and the printer's status determined. If the printer is operating normally, the film sheets described within the print-job will be printed. If the printer is not operating normally, this print-job can be canceled or restarted by the user operations.

Storage Storage SCU Storage SCP Q/R MPPS MWM Department Printer Image ommitment SCU SCU SCU SCU SCU Server 1. Query Worklist 2. Receive Worklist 3. Select Workitem (MSPS) 4. Start Acquisition (Create MPPS) 5. Acquire Instances 6. Complete Acquisition (Finalize MPPS) 7. Store Acquired Instances 8. Commit Acquired Instances 9. Query/Retrieve Instances 11. Print Images

4.1.3 Sequencing of Real-World Activities

Figure 4.1-2 SEQUENCING CONSTRAINTS

Under typical scheduled workflow conditions the sequencing constraints illustrated in Figure 4.1-2 apply:

- 1. Query Worklist
- 2. Receive Worklist of Modality Scheduled Procedure Steps (MSPS)
- 3. Select Workitem (MSPS) from Worklist
- 4. Start Acquisition and Create MPPS
- 5. Acquire Instances
- 6. Complete Acquisition and Finalize MPPS
- 7. Store Acquired Instances
- 8. Commit Acquired Instances
- 9. Query/Retrieve Instances
- 10. Receive Instances
- 11. Print Images

Other workflow situations (e.g. unscheduled procedure steps) will have other sequencing constraints. Some activities may be omitted according to situations.

4.2 AE SPECIFICATIONS

4.2.1 Storage SCU AE Specification

4.2.1.1 SOP Classes

The Storage SCU AE provides Standard Conformance to the following SOP Classes:

Table 4.2-1
SOP CLASSES FOR THE STORAGE SCU AE

SOP Class Name SOP Class UID		scu	SCP
Verification	1.2.840.10008.1.1		
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7		
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1	Yes	No
Ultrasound Multi-frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1		
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22		

4.2.1.2 Association Policies

4.2.1.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

Table 4.2-2 DICOM APPLICATION CONTEXT FOR THE STORAGE SCU AE

Application Context Name	1.2.840.10008.3.1.1.1

4.2.1.2.2 Number of Associations

The Storage SCU AE can initiate up to ten associations at a time for each destination to which a transfer request is being processed in the active job queue list. Up to ten jobs, that instances will be sent to the different remote hosts, will be active at a time, the other remains pending until the active job is completed or failed.

Table 4.2-3 NUMBER OF ASSOCIATIONS INITIATED FOR THE STORAGE SCU AE

NOMBER OF ACCOUNTING MITTALE	DI ON THE GIONAGE GOO AE
Maximum number of simultaneous associations	10

4.2.1.2.3 Asynchronous Nature

The Storage SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

Table 4.2-4 ASYNCHRONOUS NATURE FOR THE STORAGE SCU AE

Maximum number of outstanding asynchronous transactions	1
Maximum number or outstanding asynchronous transactions	I

4.2.1.2.4 Implementation Identifying Information

The implementation information for the Storage SCU AE is:

Table 4.2-5 DICOM IMPLEMENTATION CLASS AND VERSION FOR THE STORAGE SCU AE

Implementation Class UID	1.2.392.200036.9116.6.15.1000.1
Implementation Version Name	TM_ARTIDA_1.0

4.2.1.3 Association Initiation Policy

4.2.1.3.1 Activity – Send Instances

4.2.1.3.1.1 Description and Sequencing of Activities

The Storage SCU AE attempts to initiate a new association in order to issue a storage request (C-STORE). If the job contains multiple instances then multiple C-STORE requests will be issued over the same association. If the instance transfer fails, the Storage SCU AE will retry this send-job automatically.

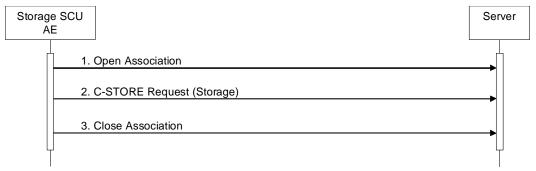


Figure 4.2-1
SEQUENCING OF ACTIVITY – SEND INSTANCES

A possible sequence of interactions between the Storage SCU AE and a Server (e.g. a storage or archive device supporting the Storage SOP Classes as an SCP) is illustrated in the Figure above:

- 1. The Storage SCU AE opens an association with the Server.
- 2. Acquired instances are transmitted to the Server using a storage request (C-STORE) and the Server replies with a C-STORE response (status success).
- 3. The Storage SCU AE closes the association with the Server.

4.2.1.3.1.2 Proposed Presentation Contexts

The Storage SCU AE will propose the Presentation Contexts in the following table that shows a Presentation Context Item a row:

Table 4.2-6
PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY SEND INSTANCES

	Presentation Context Table				
Abstract Syntax Transfer Syntax				Ext.	
Name	UID	Name List	UID List	Role	Neg.
Verification	1.2.840.10008.1.1	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None
SC Image Storage	1.2.840.10008.5.1.4.1.1.7	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None
SC Image Storage	1.2.840.10008.5.1.4.1.1.7	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCU	None
SC Image Storage	1.2.840.10008.5.1.4.1.1.7	JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70	SCU	None
SC Image Storage	1.2.840.10008.5.1.4.1.1.7	RLE Lossless	1.2.840.10008.1.2.5	SCU	None
US Image Storage	1.2.840.10008.5.1.4.1.1.6.1	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None
US Image Storage	1.2.840.10008.5.1.4.1.1.6.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCU	None
US Image Storage	1.2.840.10008.5.1.4.1.1.6.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70	SCU	None
US Image Storage	1.2.840.10008.5.1.4.1.1.6.1	RLE Lossless	1.2.840.10008.1.2.5	SCU	None
US Multi-frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None
US Multi-frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	SCU	None
US Multi-frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70	SCU	None
US Multi-frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1	RLE Lossless	1.2.840.10008.1.2.5	SCU	None
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None

4.2.1.3.1.3 SOP Specific Conformance for Storage SOP Classes

The Storage SCU AE provides standard conformance to the Storage Service Class as an SCU.

The behavior of Storage SCU AE when encountering status codes in a C-STORE response is summarized in the table below:

Table 4.2-7
STORAGE C-STORE RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Success	0000	The SCP has successfully stored the SOP Instance. If all SOP Instances in a send job have status success then the job is marked as complete.
*	*	Any other status code	The association is aborted and the send job is marked as failed. The status meaning is logged and the job failure is reported to the user via the job control application.

The behavior of Storage SCU AE during communication failure is summarized in the table below:

Table 4.2-8
STORAGE COMMUNICATION FAILURE BEHAVIOR

OTORINGE COMMISSION TRUE DELIVEROR		
Exception	Behavior	
Timeout	The association is aborted and the send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application.	
Association aborted by the SCP or network layers	The send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application.	

If the instance transfer fails, the Storage SCU AE will retry this send-job automatically.

The contents of Storage SOP Instances created by the Storage SCU AE conform to the IOD definitions and are described in section 8.1.

4.2.2 Storage Commitment SCU AE Specification

4.2.2.1 SOP Classes

The Storage Commitment SCU AE provides Standard Conformance to the following SOP Classes:

Table 4.2-9 SOP CLASSES FOR THE STORAGE COMMITMENT SCU AE

SOP Class Name	SOP Class UID	SCU	SCP
Storage Commitment Push Model	1.2.840.10008.1.20.1	Yes	No

4.2.2.2 Association Policies

4.2.2.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

Table 4.2-10 DICOM APPLICATION CONTEXT FOR THE STORAGE COMMITMENT SCU AE

Application Context Name	1.2.840.10008.3.1.1.1

4.2.2.2.2 Number of Associations

The Storage Commitment SCU AE can initiate up to ten associations at a time.

Table 4.2-11 NUMBER OF ASSOCIATIONS INITIATED FOR THE STORAGE COMMITMENT SCU AE

Maximum number of simultaneous associations	10
---	----

The Storage Commitment SCU AE accepts associations to receive N-EVENT-REPORT notifications for the Storage Commitment Push Model SOP Class.

Table 4.2-12 NUMBER OF ASSOCIATIONS ACCEPTED FOR THE STORAGE COMMITMENT SCU AE

Maximum number of simultaneous associations	10			

4.2.2.2.3 Asynchronous Nature

The Storage Commitment SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

Table 4.2-13 ASYNCHRONOUS NATURE FOR THE STORAGE COMMITMENT SCU AE

Maximum number of outstanding asynchronous transactions	1
---	---

4.2.2.2.4 Implementation Identifying Information

The implementation information for the Storage Commitment SCU AE is:

Table 4.2-14 DICOM IMPLEMENTATION CLASS AND VERSION FOR THE STORAGE COMMITMENT SCU AE

Implementation Class UID	1.2.392.200036.9116.6.15.1000.1
Implementation Version Name	TM_ARTIDA_1.0

4.2.2.3 Association Initiation Policy

4.2.2.3.1 Activity - Commit Sent Instances

4.2.2.3.1.1 Description and Sequencing of Activities

If the remote AE is configured as a Storage Commitment SCP AE, the Storage Commitment SCU AE will, after all instances have been sent, transmit a single storage commitment request (N-ACTION). Upon receiving the N-ACTION response the Storage Commitment SCU AE will release the association. The notification of storage commitment (N-EVENT-REPORT) will be received over a separate association.

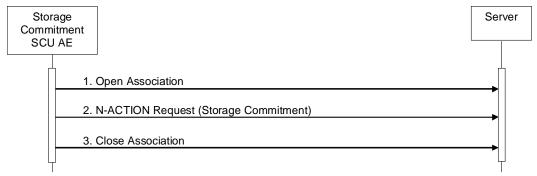


Figure 4.2-2
SEQUENCING OF ACTIVITY – COMMIT SENT INSTANCES

A possible sequence of interactions between the Storage Commitment SCU AE and a Server (e.g. a storage or archive device supporting the Storage Commitment SOP Classes as an SCP) is illustrated in the Figure above:

- 1. The Storage Commitment SCU AE opens an association with the Server.
- 2. A storage commitment request (N-ACTION) is transmitted to the Server to obtain storage commitment of previously transmitted instances. The Server replies with an N-ACTION response indicating the request has been received and is being processed.
- 3. The Storage Commitment SCU AE closes the association with the Server.

Note: The N-EVENT-REPORT will be sent over a separate association initiated by the Server. (see Section 4.2.2.4.1)

4.2.2.3.1.2 Proposed Presentation Contexts

The Storage Commitment SCU AE will propose the Presentation Contexts shown in the following table:

Table 4.2-15
PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY COMMIT SENT INSTANCES

I KOI OOL	Presentation Context Table					
	Presentation Context Table					
Abstract Syntax		Transfer Syntax			Ext.	
				- Data	Nan	
Name	UID	Name List	UID List	Role	Neg.	
Storage Commitment	1.2.840.10008.1.20.1	Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None	
Push Model	1.2.040.10000.1.20.1	Explicit VR Little Endian	1.2.840.10008.1.2.1	300	None	

A Presentation Context for the Storage Commitment Push Model will only be proposed if the remote AE is configured as a Storage Commitment SCP AE.

4.2.2.3.1.3 SOP Specific Conformance for Storage Commitment SOP Class

4.2.2.3.1.3.1 Storage Commitment Operations (N-ACTION)

The Storage Commitment SCU AE provides standard conformance to the Storage Commitment Service Class as an SCU.

The Storage Commitment SCU AE will request storage commitment for instances of the Storage SOP Classes if the remote AE is configured as a Storage Commitment SCP AE and a presentation context for the Storage Commitment Push Model has been accepted.

The behavior of Storage SCU Commitment AE when encountering status codes in an N-ACTION response is summarized in the table below:

Table 4.2-16
STORAGE COMMITMENT N-ACTION RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Success	0000	The request for storage commitment is considered successfully sent. A timer is started which will expire if no N-EVENT-REPORT for the Transaction UID is received within a configurable timeout period.
*	*	Any other status code	The association is aborted and the request for storage commitment is marked as failed.

The behavior of Storage Commitment AE during communication failure is summarized in the table below:

Table 4.2-17
STORAGE COMMITMENT COMMUNICATION FAILURE BEHAVIOR

01010102000001001	
Exception	Behavior
Timeout	The association is aborted and the send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application.
Association aborted by the SCP or network layers	The send job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application.

4.2.2.4 Association Acceptance Policy

4.2.2.4.1 Activity – Receive Storage Commitment Response

4.2.2.4.1.1 Description and Sequencing of Activities

The Storage Commitment SCU AE will accept associations in order to receive responses to a storage commitment request.

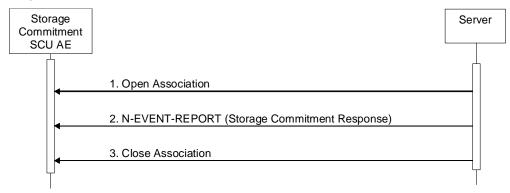


Figure 4.2-3
SEQUENCING OF ACTIVITY - RECEIVE STORAGE COMMITMENT RESPONSE

A possible sequence of interactions between the Storage Commitment SCU AE and a Server (e.g. a storage or archive device supporting Storage Commitment SOP Classes as an SCP) is illustrated in the Figure above:

- 1. The Server opens an association with the Storage Commitment SCU AE.
- 2. The Server sends an N-EVENT-REPORT request notifying the Storage SCU AE of the status of a previous storage commitment request. The Storage SCU AE replies with an N-EVENT-REPORT response confirming receipt.
- 3. The Server closes the association with the Storage Commitment SCU AE.

The Storage Commitment SCU AE may reject association attempts as shown in the table below. The Result, Source and Reason/Diag columns represent the values returned in the appropriate fields of an ASSOCIATE-RJ PDU (see PS3.8, Section 9.3.4).

Table 4.2-18
ASSOCIATION REJECTION REASONS

ACCOUNTION RESECTION REACONS			
Result	Source	Reason/Diag	Explanation
1 – rejected-permanent	DICOM UL service-user	3 – calling-AE-title- not-recognized	The association request contained an unrecognized calling AE Title. An association request with the same parameters will not succeed at a later time unless configuration changes are made. This rejection reason normally occurs when the association acceptor has not been configured to recognize the AE Title of the association initiator.
1 – rejected-permanent	DICOM UL service-provider (ASCE related function)	1 – no-reason-given	The association request could not be parsed. An association request with the same format will not succeed at a later time.

4.2.2.4.1.2 Accepted Presentation Contexts

The Storage Commitment SCU AE will accept Presentation Contexts shown in the table below.

Table 4.2-19 ACCEPTABLE PRESENTATION CONTEXTS FOR ACTIVITY RECEIVE STORAGE COMMITMENT RESPONSE

Presentation Context Table					
Abstrac	t Syntax	Transfe	r Syntax		Ext.
Name	UID	Name List UID List		Role	Neg.
Storage Commitment Push Model	1.2.840.10008.1.20.1	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None

4.2.2.4.1.3 SOP Specific Conformance for Storage Commitment SOP Class

4.2.2.4.1.3.1 Storage Commitment Notifications (N-EVENT-REPORT)

The Storage Commitment SCU AE provides standard conformance to the Storage Commitment Service Class as an SCU.

The behavior of Storage Commitment SCU AE when receiving Event Types within the N-EVENT-REPORT is summarized in the table below.

Table 4.2-20 STORAGE COMMITMENT N-EVENT-REPORT BEHAVIOUR

Event Type Name	Event Type ID	Behavior
Storage Commitment Request Successful	1	The Storage Commitment SCU AE permits the operator(s) to delete the Referenced SOP Instances under Referenced SOP Sequence (0018,1199), or deletes the Instances from the local database automatically.
Storage Commitment Request Complete – Failures Exist	2	The Storage Commitment SCU AE requests the Storage SCU AE to send the Referenced SOP Instances under Failed SOP Sequence (0018,1198).

The reasons for returning specific status codes in a N-EVENT-REPORT response are summarized in the table below.

Table 4.2-21
STORAGE COMMITMENT N-EVENT-REPORT RESPONSE STATUS REASONS

Service Status	Further Meaning	Status Code	Reasons
Success	Success	0000	The storage commitment result has been successfully received.
Failure	Processing Failure	0110H	An internal error occurred during processing of the N-EVENT-REPORT. A short description of the error will be returned in Error Comment (0000,0902).

4.2.3 MWM SCU AE Specification

4.2.3.1 SOP Classes

The MWM SCU AE provides Standard Conformance to the following SOP Classes:

Table 4.2-22 SOP CLASSES FOR THE MWM SCU AE

SOP Class Name	SOP Class UID	SCU	SCP
Modality Worklist Information Model – FIND	1.2.840.10008.5.1.4.31	Yes	No

4.2.3.2 Association Policies

4.2.3.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

Table 4.2-23 DICOM APPLICATION CONTEXT FOR THE MWM SCU AE

Application Context Name	1.2.840.10008.3.1.1.1

4.2.3.2.2 Number of Associations

The MWM SCU AE initiates one association at a time for a worklist request.

Table 4.2-24 NUMBER OF ASSOCIATIONS INITIATED FOR THE MWM SCU AE

Maximum number of simultaneous associations	1	
---	---	--

4.2.3.2.3 Asynchronous Nature

The MWM SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

Table 4.2-25 ASYNCHRONOUS NATURE FOR THE MWM SCU AE

Maximum number of outstanding asynchronous transactions	1
Ů ,	

4.2.3.2.4 Implementation Identifying Information

The implementation information for this Application Entity is:

Table 4.2-26 DICOM IMPLEMENTATION CLASS AND VERSION FOR THE MWM SCU AE

Implementation Class UID	1.2.392.200036.9116.6.15.1000.1
Implementation Version Name	TM_ARTIDA_1.0

4.2.3.3 Association Initiation Policy

4.2.3.3.1 Activity - Update Worklist

4.2.3.3.1.1 Description and Sequencing of Activities

The request for an "Update Worklist" is initiated by user interaction, i.e. pressing the buttons "Get Worklist" or automatically at the time of patient registration.

Upon initiation of the request, the MWM SCU AE will build an Identifier for the C-FIND request, will initiate an association to send the request and will wait for worklist responses. After retrieval of all responses, the MWM SCU AE will access the local database to add or update patient demographic data. The results will be displayed in a separate list.

The MWM SCU AE will initiate an association in order to issue a C-FIND request according to the Modality Worklist Information Model.

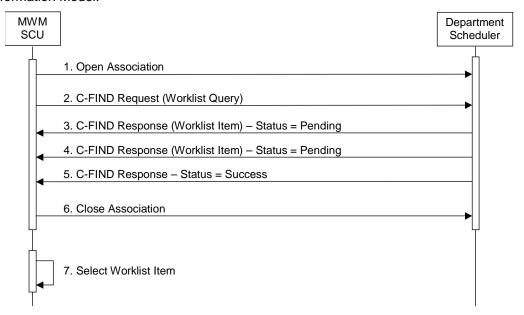


Figure 4.2-4
SEQUENCING OF ACTIVITY – UPDATE WORKLIST

A possible sequence of interactions between the MWM SCU AE and a Department Scheduler (e.g. a device such as a RIS or HIS which supports the Modality Worklist SOP Class as an SCP) is illustrated in the Figure above:

- 1. The MWM SCU AE opens an association with the Department Scheduler
- 2. The MWM SCU AE sends a C-FIND request to the Department Scheduler containing the Worklist Query attributes.
- 3. The Department Scheduler returns a C-FIND response containing the requested attributes of the first matching worklist item.
- 4. The Department Scheduler returns another C-FIND response containing the requested attributes of the second matching worklist item.
- 5. The Department Scheduler returns another C-FIND response with status Success indicating that no further matching worklist items exist. This example assumes that only 2 worklist items match the Worklist Query.
- 6. The MWM SCU AE closes the association with the Department Scheduler.
- 7. The user selects a worklist item from the Worklist and prepares to acquire new instances.

4.2.3.3.1.2 Proposed Presentation Contexts

The MWM SCU AE will propose Presentation Contexts shown in the following table:

Table 4.2-27
PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY UPDATE WORKLIST

Presentation Context Table								
Abstrac	et Syntax	Transfe		Ext.				
Name	UID	Name List UID List		Role	Neg.			
Modality Worklist Information Model – FIND	1.2.840.10008.5.1.4.31	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None			

4.2.3.3.1.3 SOP Specific Conformance for Modality Worklist SOP Class

The MWM SCU AE provides standard conformance to the Modality Worklist SOP Class as an SCU.

The behavior of the MWM SCU when encountering status codes in a Modality Worklist C-FIND response is summarized in the table below.

Table 4.2-28
MODALITY WORKLIST C-FIND RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Matching is complete	0000	The SCP has completed the matches. Worklist items are available for display or further processing.
*	*	Any other status code	The association is aborted using A-ABORT and the status meaning is logged.

The behavior of the MWM SCU AE during communication failure is summarized in the table below.

Table 4.2-29
MODALITY WORKLIST COMMUNICATION FAILURE BEHAVIOR

Exception	Behavior					
Timeout Unsupported character sets	The association is aborted using A-ABORT and the reason is logged.					
Association aborted by the SCP or network layers	The reason is logged.					

Acquired instances will always use the Study Instance UID specified for the Scheduled Procedure Step (if available). If an acquisition is unscheduled, a Study Instance UID will be generated locally.

The table below provides a description of the MWM SCU AE Worklist Request Identifier and specifies the attributes that are copied into the instances. Unexpected attributes returned in a C-FIND response are ignored.

Table 4.2-30
WORKLIST REQUEST IDENTIFIER

WORKLIST REQUEST IDENTIFIER								
Module Name Attribute Name	Тад	VR	М	R	D	IOD		
SOP Common								
Specific Character Set	(0008,0005)	cs				х		
Scheduled Procedure Step	·							
Scheduled Procedure Step Sequence	(0040,0100)	SQ				х		
>Modality	(0008,0060)	cs	s	х	х	х		
>Requested Contrast Agent	(0032,1070)	LO		х				
>Scheduled Station AE Title	(0040,0001)	AE	s	х	х	х		
>Scheduled Procedure Step Start Date	(0040,0002)	DA	R		х	х		
>Scheduled Procedure Step Start Time	(0040,0003)	TM	R		х	х		
>Scheduled Performing Physician's Name	(0040,0006)	PN		х	х	х		
>Scheduled Procedure Step Description	(0040,0007)	LO		х	х	х		
>Scheduled Station Name	(0040,0010)	SH		х				
>Scheduled Procedure Step Location	(0040,0011)	SH		х				
>Scheduled Protocol Code Sequence	(0040,0008)	SQ				х		
>>Code Value	(0008,0100)	SH		х	х	х		
>>Coding Scheme Designator	(0008,0102)	SH		х	х	х		
>>Coding Scheme Version	(0008,0103)	SH		х	х	х		
>>Code Meaning	(0008,0104)	LO		х	х	х		
>Pre-Medication	(0040,0012)	LO		х				
>Scheduled Procedure Step Status	(0040,0020)	cs		х				
>Scheduled Procedure Step ID	(0040,0009)	SH		Х	Х	Х		
Requested Procedure								
Referenced Study Sequence	(0008,1110)	SQ				х		
>Referenced SOP Class UID	(0008,1150)	UI		х		х		
>Referenced SOP Instance UID	(0008,1155)	UI		х		х		
Study Instance UID	(0020,000D)	UI		х		х		
Requested Procedure Description	(0032,1060)	LO		х	х	х		
Requested Procedure Code Sequence	(0032,1064)	SQ				х		
>Code Value	(0008,0100)	SH		х		х		
>Coding Scheme Designator	(0008,0102)	SH		х		х		
>Coding Scheme Version	(0008,0103)	SH		х		х		
>Code Meaning	(0008,0104)	LO		х		х		
Requested Procedure ID	(0040,1001)	SH	S	х	х	х		

1	i	i i]	1 1	
Requested Procedure Priority	(0040,1003)	SH		Х		
Patient Transport Arrangements	(0040,1004)	LO		Х		
Imaging Service Request	ı	1 1			T	
Accession Number	(0008,0050)	SH	S	х	х	Х
Referring Physician's Name	(0008,0090)	PN		Х	х	Х
Requesting Physician	(0032,1032)	PN		Х	Х	Х
Visit Identification						
Admission ID	(0038,0010)	LO		х		
Visit Status						
Current Patient Location	(0038,0300)	LO		х		
Patient's Institution Residence	(0038,0400)	LO		Х	Х	
Visit Relationship						
Referenced Patient Sequence	(0008,1120)	SQ				
>Referenced SOP Class UID	(0008,1150)	UI		х		
>Referenced SOP Instance UID	(0008,1155)	UI		Х		
Patient Identification						
Patient's Name	(0010,0010)	PN	W	х	х	х
Patient ID	(0010,0020)	LO	S	Х	Х	Х
Patient Demographic						
Patient's Birth Date	(0010,0030)	DA		х	х	х
Patient's Sex	(0010,0040)	cs		х	х	х
Patient's Size	(0010,1020)	DS		х	х	х
Patient's Weight	(0010,1030)	DS		х	х	х
Patient Comments	(0010,4000)	LT		х	х	х
Confidentiality constraint on patient data	(0040,3001)	LO		х		Х
Patient Medical						
Medical Alerts	(0010,2000)	LO		х		х
Allergies	(0010,2110)	LO		х		х
Pregnancy Status	(0010,21C0)	US		х		х
Special Needs	(0038,0050)	LO		х		х
Patient State	(0038,0500)	LO		Х		Х
Other Attributes	1			Ī	,	
Study Description	(0008,1030)	LO		х	х	х

The above table should be read as follows:

Module Name: The name of the associated module for supported worklist attributes.

Attribute Name: Attributes supported to build the MWM SCU AE Worklist Request Identifier.

Tag: DICOM tag for this attribute.
VR: DICOM VR for this attribute.

M: Matching keys for (automatic) Worklist Update.

S: Single Value Matching R: Range Matching

W: Wild Card Matching

R: Return keys. An "x" will indicate that the MWM SCU AE will supply this attribute as

Return Key with zero length for Universal Matching. This setting can be configured

using the service tool.

D: Displayed keys. An "x" indicates that this worklist attribute is displayed to the user

during a patient registration. For example, Patient Name will be displayed when

registering the patient prior to an examination.

IOD: An "x" indicates that this worklist attribute is included into all Object Instances

created during performance of the related Procedure Step.

Notes: Specific Character Set (0008,0005) will be created if an extended or replacement character set is used in the matching keys.

Scheduled Performing Physician's Name (0040,1006) will be copied into Performing Physician's Name (0008,1050).

Patient's Institution Residence (0038,0400) will be displayed as *In Patient* or *Out Patient* when matching the following string: Inpatient or Outpatient.

In the default setting, Study Description (0008,1030) will be displayed at *Exam Type* when matching the following exam types: Adult Heart, Pediatric Heart, Coronary, M-TEE, PV Arterial, PV Venous, Carotid, Digits, or OTHER. They can be also configured to correspond to user-defined terms, and it is selectable where to set those terms: Study Description (0008,1030), Scheduled Procedure Step Description (0040,0007), or Requested Procedure Description (0032,1060).

4.2.3.4 Association Acceptance Policy

The MWM SCU AE does not accept associations.

4.2.4 MPPS SCU AE Specification

4.2.4.1 SOP Classes

The MPPS SCU AE provides Standard Conformance to the following SOP Classes:

Table 4.2-31 SOP CLASSES FOR THE MPPS SCU AE

SOP Class Name	SOP Class UID	SCU	SCP
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3	Yes	No

4.2.4.2 Association Policies

4.2.4.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

Table 4.2-32 DICOM APPLICATION CONTEXT FOR THE MPPS SCU AE

Application Context Name	1.2.840.10008.3.1.1.1
Application Context Name	1.2.640.10006.3.1.1.1

4.2.4.2.2 Number of Associations

The MPPS SCU AE initiates one association at a time.

Table 4.2-33

NUMBER OF ASSOCIATIONS INITIATED FOR THE MPPS SCU AE

Maximum number of simultaneous associations	1
---	---

4.2.4.2.3 Asynchronous Nature

The MPPS SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

Table 4.2-34 ASYNCHRONOUS NATURE FOR THE MPPS SCU AE

Maximum number of outstanding asynchronous transactions	1
---	---

4.2.4.2.4 Implementation Identifying Information

The implementation information for this Application Entity is:

Table 4.2-35

DICOM IMPLEMENTATION CLASS AND VERSION FOR THE MPPS SCU AE

Implementation Class UID	1.2.392.200036.9116.6.15.1000.1	
Implementation Version Name	TM_ARTIDA_1.0	

4.2.4.3 Association Initiation Policy

4.2.4.3.1 Activity – Acquire Instances

4.2.4.3.1.1 Description and Sequencing of Activities

The MPPS SCU AE performs the creation of an MPPS instance automatically when the user selects and starts a worklist item. Further updates on the MPPS data can be performed when the user completes the acquisition.

The MPPS SCU AE will initiate an association to issue an:

- N-CREATE request according to the CREATE Modality Performed Procedure Step SOP Instance operation, or an:
- N-SET request to update the contents and state of the MPPS according to the SET Modality Performed Procedure Step Information operation.

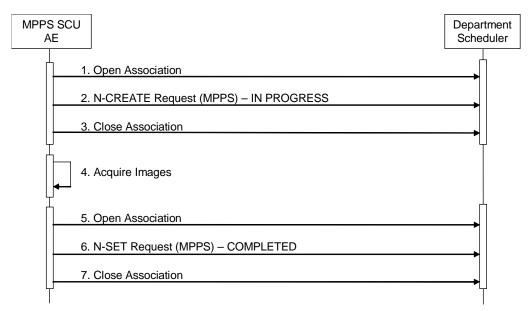


Figure 4.2-5
SEQUENCING OF ACTIVITY – ACQUIRE INSTANCES

A possible sequence of interactions between the MPPS SCU AE and a Department Scheduler (e.g. a device such as a RIS or HIS which supports the MPPS SOP Class as an SCP) is illustrated in the Figure above:

- 1. The MPPS SCU AE opens an association with the Department Scheduler
- 2. The MPPS SCU AE sends an N-CREATE request to the Department Scheduler to create an MPPS instance with status of "IN PROGRESS" and create all necessary attributes. The Department Scheduler acknowledges the MPPS creation with an N-CREATE response (status success).
- 3. The MPPS SCU AE closes the association with the Department Scheduler.
- 4. All instances are acquired and stored in the local database.
- 5. The MPPS SCU AE opens an association with the Department Scheduler.
- 6. The MPPS SCU AE sends an N-SET request to the Department Scheduler to update the MPPS instance with status of "COMPLETED" and set all necessary attributes. The Department Scheduler acknowledges the MPPS update with an N-SET response (status success).
- 7. The MPPS SCU AE closes the association with the Department Scheduler.

4.2.4.3.1.2 Proposed Presentation Contexts

The MPPS SCU AE will propose Presentation Contexts shown in the following table:

Table 4.2-36
PROPOSED PRESENTATION CONTEXTS FOR REAL-WORLD ACTIVITY ACQUIRE INSTANCES

Presentation Context Table							
Abstrac	et Syntax	Transfer Syntax			Ext.		
Name	UID	Name List	UID List	Role	Neg.		
Modality Performed Procedure Step	1.2.840.10008.3.1.2.3.3	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1	SCU	None		

4.2.4.3.1.3 SOP Specific Conformance for MPPS SOP Class

The MPPS SCU AE provides standard conformance to the Modality Performed Procedure Step SOP Class as an SCU.

The behavior of the MPPS SCU AE when encountering status codes in an MPPS N-CREATE or N-SET response is summarized in the table below.

Table 4.2-37
MPPS N-CREATE / N-SET RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Success	0000	The SCP has completed the operation successfully.
*	*	Any other status code	The association is aborted and the MPPS is marked as failed. The status meaning is logged and reported to the user.

The behavior of the MPPS SCU AE during communication failure is summarized in the table below:

Table 4.2-38
MPPS COMMUNICATION FAILURE BEHAVIOR

Exception	Behavior	
Timeout	The association is aborted and MPPS is marked as failed. The reason is logged and reported to the user.	
Association aborted by the SCP or network layers	The MPPS is marked as failed. The reason is logged and reported to the user.	

The table below provides a description of the MPPS N-CREATE and N-SET request identifiers sent by the MPPS SCU AE. Empty cells in the N-CREATE and N-SET columns indicate that the attribute is not sent. An "x" indicates that an appropriate value will be sent. A "Zero length" attribute will be sent with zero length.

Table 4.2-39
MPPS N-CREATE / N-SET REQUEST IDENTIFIER

Attribute Name	Tag	VR	N-CREATE	N-SET
Specific Character Set	(0008,0005)	cs	Created, if an extended or replacement character set is used.	
Performed Procedure Step Relationship)	ı		
Scheduled Step Attributes Sequence	(0040,0270)	SQ	Always set	
>Study Instance UID	(0020,000D)	UI	From Modality Worklist	
>Referenced Study Sequence	(0008,1110)	SQ	From Modality Worklist	
>>Referenced SOP Class UID	(0008,1150)	UI	From Modality Worklist	
>>Referenced SOP Instance UID	(0008,1155)	UI	From Modality Worklist	
>Accession Number	(0008,0050)	SH	From Modality Worklist	
>Placer Order Number/Imaging Service Request	(0040,2016)	LO	Zero length	
>Filler Order Number/Imaging Service Request	(0040,2017)	LO	Zero length	
>Requested Procedure ID	(0040,1001)	SH	From Modality Worklist	
>Requested Procedure Description	(0032,1060)	LO	From Modality Worklist	
>Scheduled Procedure Step ID	(0040,0009)	SH	From Modality Worklist	
>Scheduled Procedure Step Description	(0040,0007)	LO	From Modality Worklist	
>Scheduled Protocol Code Sequence	(0040,0008)	SQ	From Modality Worklist	
Patient's Name	(0010,0010)	PN	From Modality Worklist or user input	
Patient ID	(0010,0020)	LO	From Modality Worklist or user input	
Patient's Birth Date	(0010,0030)	DA	From Modality Worklist or user input	
Patient's Sex	(0010,0040)	cs	From Modality Worklist or user input	
Referenced Patient Sequence	(0008,1120)	SQ	From Modality Worklist	
>Referenced SOP Class UID	(0008,1150)	UI	From Modality Worklist	
>Referenced SOP Instance UID	(0008,1155)	UI	From Modality Worklist	
Performed Procedure Step Information				
Performed Procedure Step ID	(0040,0253)	SH	x	
Performed Station AE Title	(0040,0241)	AE	MPPS AE Title	
Performed Station Name	(0040,0242)	SH	From configuration	
Performed Location	(0040,0243)	SH	Zero length	
Performed Procedure Step Start Date	(0040,0244)	DA	Actual start date	
Performed Procedure Step Start Time	(0040,0245)	TM	Actual start time	
Performed Procedure Step Status	(0040,0252)	cs	IN PROGRESS	COMPLETED or DISCONTINUED
Performed Procedure Step Description	(0040,0254)	LO	x	

Performed Procedure Type Description	(0040,0255)	LO	Zero length	
Procedure Code Sequence	(0008,1032)	SQ	Zero or more items	Zero or more items
Performed Procedure Step End Date	(0040,0250)	DA	Zero length	Actual end date
Performed Procedure Step End Time	(0040,0251)	TM	Zero length	Actual end time
Image Acquisition Results				
Modality	(0008,0060)	CS	us	
Study ID	(0020,0010)	SH	x	
Performed Protocol Code Sequence	(0040,0260)	SQ	Zero or more items	Zero or more items
Performed Series Sequence	(0040,0340)	SQ	One or more items	One or more items
>Performing Physician's Name	(0008,1050)	PN	From Modality Worklist or user input	х
>Protocol Name	(0018,1030)	LO	x	x
>Operator's Name	(0008,1070)	PN	Zero length	Zero length
>Series Instance UID	(0020,000E)	UI	x	x
>Series Description	(0008,103E)	LO	Zero length	Zero length
>Retrieve AE Title	(0008,0054)	AE	Zero length	Zero length
>Referenced Image Sequence	(0008,1140)	SQ	Zero or more items	One or more items
>>Referenced SOP Class UID	(0008,1150)	UI	x	x
>>Referenced SOP Instance UID	(0008,1155)	UI	х	x
>Referenced Non-Image Composite SOP Instance Sequence	(0040,0220)	SQ	Zero length	Zero length

4.2.4.4 Association Acceptance Policy

The MPPS SCU AE does not accept associations.

4.2.5 Q/R SCU AE Specification

4.2.5.1 SOP Classes

The Q/R SCU AE provides Standard Conformance to the following SOP Classes:

Table 4.2-40 SOP CLASSES FOR THE Q/R SCU AE

SOP Class Name	SOP Class UID	SCU	SCP
Study Root Q/R Information Model – Find	1.2.840.10008.5.1.4.1.2.2.1	X = =	
Study Root Q/R Information Model – Move	1.2.840.10008.5.1.4.1.2.2.2	Yes No	

4.2.5.2 Association Policies

4.2.5.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

Table 4.2-41 DICOM APPLICATION CONTEXT FOR THE Q/R SCU AE

	4 0 0 4 0 4 0 0 0 0 0 4 4 4 4
Application Context Name	1.2.840.10008.3.1.1.1
1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

4.2.5.2.2 Number of Associations

The Q/R SCU AE initiates one association at a time.

Table 4.2-42 NUMBER OF ASSOCIATIONS INITIATED FOR THE Q/R SCU AE

Maximum number of simultaneous associations	1				

4.2.5.2.3 Asynchronous Nature

The Q/R SCU AE does not support asynchronous communication (multiple outstanding transactions over a single association).

Table 4.2-43 ASYNCHRONOUS NATURE FOR THE Q/R SCU AE

Maximum number of outstanding asynchronous transactions	1
---	---

4.2.5.2.4 Implementation Identifying Information

The implementation information for this Application Entity is:

Table 4.2-44 DICOM IMPLEMENTATION CLASS AND VERSION FOR THE Q/R SCU AE

Implementation Class UID	1.2.392.200036.9116.6.15.1000.1
Implementation Version Name	TM_ARTIDA_1.0

4.2.5.3 Association Initiation Policy

4.2.5.3.1 Activity – Query and Retrieve Instances

4.2.5.3.1.1 Description and Sequencing of Activities

The Q/R SCU AE is activated when the user selects a remote node to query and enters some key information, Patient's Name, Patient ID and/or Study Date. The user can select series to be retrieved. The instances will be received at the Storage SCP AE.

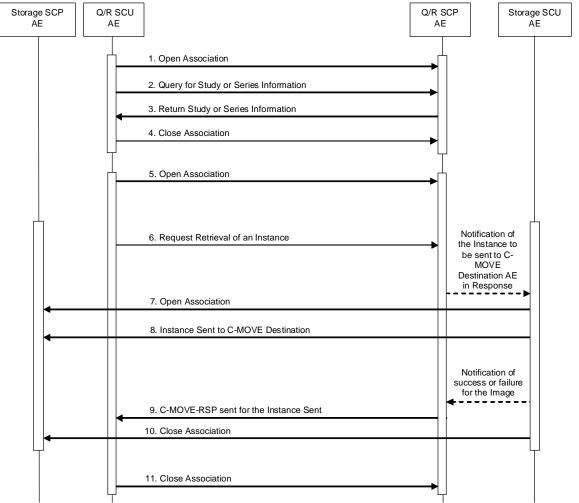


Figure 4.2-6
SEQUENCING OF ACTIVITY – QUERY AND RETRIEVE INSTANCES

The following sequencing constraints illustrated in the Figure above:

- 1. The Q/R SCU AE opens an association with the Q/R SCP AE.
- 2. The Q/R SCU AE sends a C-FIND-RQ Message.
- 3. The Q/R SCP AE returns a C-FIND-RSP Message to the Q/R SCU AE with matching information. A C-FIND-RSP is sent for each entity matching the identifier specified in the C-FIND-RQ. A final C-FIND-RSP is sent indicating that the matching is complete.
- 4. The Q/R SCU AE closes the association.
- 5. The Q/R SCU AE opens an association with the Q/R SCP AE.
- The Q/R SCU AE sends a C-MOVE-RQ Message. The Q/R SCP AE notifies the Storage SCU AE to send the Composite SOP Instances to the peer C-MOVE Destination AE as indicated in the C-MOVE-RQ.
- 7. The Storage SCU AE opens an association with the C-MOVE Destination AE.
- 8. The Storage SCU AE sends instances to the C-MOVE Destination AE. The Storage SCU AE indicates to the Q/R SCP AE whether the transfer succeeded or failed.
- 9. The Q/R SCP AE then returns a C-MOVE-RSP indicating this success or failure.
- 10. The Storage SCU AE closes the association.
- 11. The Q/R SCU AE closes the association.

4.2.5.3.1.2 Proposed Presentation Contexts

The Q/R SCU AE will propose Presentation Contexts shown in the following table:

Table 4.2-45 PROPOSED PRESENTATION CONTEXTS FOR REAL-WORLD ACTIVITY QUERY AND RETRIEVE INSTANCES

	QUEINT AI	ND RETRIEVE INSTANC	,		
Presentation Context Table					
Abstract Syntax Transfer Syntax					Ext.
Name	UID	Name List	UID List	Role	Neg.
Study Root Q/R Information Model	1,2,840,10008,5,1,4,1,2,2,1	Implicit VR Little Endian	1.2.840.10008.1.2		
- Find	1.2.040.10000.3.1.4.1.2.2.1	Explicit VR Little Endian	1.2.840.10008.1.2.1	2011	
Study Root Q/R	1,2,840,10008,5,1,4,1,2,2,2	Implicit VR Little Endian	1.2.840.10008.1.2	SCU	None
Information Model – Move	1.2.040.10006.5.1.4.1.2.2.2	Explicit VR Little Endian	1.2.840.10008.1.2.1		

4.2.5.3.1.3 SOP Specific Conformance for Q/R Find SOP Classes

The Q/R SCU AE provides standard conformance to the Query/Retrieve Find SOP Classes as an SCU.

The behavior of the Q/R SCU AE when encountering status codes in a Q/R C-FIND response is summarized in the table below:

Table 4.2-46
THE Q/R SCU AE C-FIND RESPONSE STATUS BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Matching is complete	0000	The SCP has completed the matches. Study or Series information items are available for display or further processing.
*	*	Any other status code	The association is aborted using A-ABORT and the Study or Series information is marked as failed. The status meaning is logged and reported to the user.

The behavior of the Q/R SCU AE during communication failure is summarized in the table below.

Table 4.2-47
Q/R FIND COMMUNICATION FAILURE BEHAVIOR

Exception	Behavior
Timeout	The association is aborted and the study or series query is marked as failed. The reason is logged and reported to the user.
Association aborted by the SCP or network layers	The study or series query is marked as failed. The reason is logged and reported to the user.

All queries are initiated at the highest level of the information model (the STUDY level), and then for each response received, recursively repeated at the next lower levels (the SERIES), in order to completely elucidate the "tree" of instances available on the remote AE.

The table below provides a description of the Q/R SCU AE C-FIND Request Identifier.

Table 4.2-48
STUDY ROOT REQUEST IDENTIFIER FOR C-FIND

Name	Tag	Types of Matching		
Study Level				
Study Date	(0008,0020)	U, R		
Study Time	(0008,0030)	U		
Accession Number	(0008,0050)	S, U		
Patient's Name	(0010,0010)	*, U		
Patient ID	(0010,0020)	*, U		
Study ID	(0020,0010)	U		
Study Instance UID	(0020,000D)	UNIQUE		
Modalities in Study	(0008,0061)	U		
Series Level				
Modality	(0008,0060)	U		
Series Number	(0020,0011)	U		
Series Instance UID	(0020,000E)	UNIQUE		

Types of Matching:

The types of Matching supported by the Q/R SCU AE. An "S" indicates the identifier attribute uses Single Value Matching, an "R" indicates Range Matching, an "*" indicates wildcard matching, and a "U" indicates Universal Matching. "UNIQUE" indicates that this is the Unique Key for that query level, in which case Universal Matching or Single Value Matching is used depending on the query level.

4.2.5.3.1.4 SOP Specific Conformance for Q/R Move SOP Classes

The Q/R SCU AE provides standard conformance to the Query/Retrieve Move SOP Classes as an SCU.

The behavior of the Q/R SCU AE when encountering status codes in a Q/R C-MOVE response is summarized in the table below:

Table 4.2-49
THE Q/R SCU AE C-MOVE RESPONSE STATUS BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Sub-operations complete – No Failures	0000	The Storage SCP AE has successfully received the SOP Instance. If all SOP Instances in a move job have status success then the job is marked as complete.
*	*	Any other status code	The association is aborted using A-ABORT and the move job is marked as failed. The status meaning is logged and the job failure is reported to the user via the job control application.

The behavior of the Q/R SCU AE during communication failure is summarized in the table below.

Table 4.2-50 Q/R MOVE COMMUNICATION FAILURE BEHAVIOR

Exception	Behavior
Timeout	The association is aborted using A-ABORT and the retrieve is marked as failed. The reason is logged and reported to the user if an interactive query.
Association aborted by the SCP or network layers	The retrieve is marked as failed. The reason is logged and reported to the user if an interactive query.

4.2.5.4 Association Acceptance Policy

The Q/R SCU AE does not accept associations.

4.2.6 Storage SCP AE Specification

4.2.6.1 SOP Classes

The Storage SCP AE provides Standard Conformance to the following SOP Classes:

Table 4.2-51
SOP CLASSES FOR THE STORAGE SCP AE

SOP Class Name	SOP Class UID	SCU	SCP
Verification	1.2.840.10008.1.1		
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7		
Ultrasound Image Storage	1.2.840.10008.5.1.4.1.1.6.1	No	Yes
Ultrasound Multi-frame Image Storage	1.2.840.10008.5.1.4.1.1.3.1		
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22		

4.2.6.2 Association Policies

4.2.6.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

Table 4.2-52 DICOM APPLICATION CONTEXT FOR THE STORAGE SCP AE

Application Context Name 1.2.840.10008.3.1.1.1	Application Context Name	1.2.840.10008.3.1.1.1
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4.2.6.2.2 Number of Associations

The Storage SCP AE can support up to ten associations at a time.

Table 4.2-53 NUMBER OF ASSOCIATIONS ACCEPTED FOR THE STORAGE SCP AE

Maximum number of simultaneous associations	10

4.2.6.2.3 Asynchronous Nature

The Storage SCP AE does not support asynchronous communication (multiple outstanding transactions over a single association).

Table 4.2-54 ASYNCHRONOUS NATURE FOR THE STORAGE SCP AE

Maximum number of outstanding asynchronous transactions	1
---	---

4.2.6.2.4 Implementation Identifying Information

The implementation information for the Storage SCP AE is:

Table 4.2-55

DICOM IMPLEMENTATION CLASS AND VERSION FOR THE STORAGE SCP AE

Implementation Class UID	1.2.392.200036.9116.6.15.1000.1
Implementation Version Name	TM_ARTIDA_1.0

4.2.6.3 Association Initiation Policy

The Storage SCP AE does not initiate associations.

4.2.6.4 Association Acceptance Policy

The Storage SCP AE accepts associations only if they have valid Presentation Contexts. If none of the requested Presentation Contexts are accepted then the association request itself is rejected. It can be configured to only accept associations with certain hosts (using TCP/IP address) and/or AE Titles.

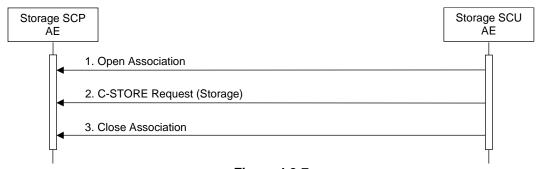


Figure 4.2-7
SEQUENCING OF ACTIVITY – STORE IMAGES TO THE LOCAL FILE SYSTEM

A possible sequence of interactions between the Storage SCP AE and a Storage SCU AE is illustrated in the Figure above:

- 1. The Storage SCU AE opens an association with the Storage SCP AE.
- 2. The Storage SCU AE sends images to the Storage SCP AE using a storage request (C-STORE) and the Storage SCP AE replies with a C-STORE response (status success).
- 3. The Storage SCU AE closes the association with the Storage SCP AE.

The Storage SCP AE may reject association attempts as shown in the Table 4.2-18.

4.2.6.4.1.1 Accepted Presentation Contexts

The default behavior of the Storage SCP AE supports the Implicit VR Little Endian and Explicit VR Little Endian transfer syntaxes. If the both transfer syntaxes are proposed per presentation context then the Storage SCP AE will select Explicit VR Little Endian Transfer Syntax.

Any of the presentation contexts shown in the following table are acceptable to the Storage SCP AE.

Table 4.2-56
ACCEPTED PRESENTATION CONTEXTS BY THE STORAGE SCP AE

	Presentation Context Table						
Ab	stract Syntax	Transfer	Syntax		Ext.		
Name	UID	Name List	UID List	Role	Neg.		
Verification	1.2.840.10008.1.1	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1				
Secondary Capture Image Storage	1.2.840.10008.5.1.4.1.1.7	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.1				
		JPEG Baseline (Process 1) JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.50				
Ultrasound Image	1.2.840.10008.5.1.4.1.1.6.1	RLE Lossless Implicit VR Little Endian	1.2.840.10008.1.2.5 1.2.840.10008.1.2				
Storage		Explicit VR Little Endian JPEG Baseline (Process 1)	1.2.840.10008.1.2.1 1.2.840.10008.1.2.4.50	SCP	None		
		JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70	SCP			
		RLE Lossless	1.2.840.10008.1.2.5				
Ultrasound Multi-frame Image	1.2.840.10008.5.1.4.1.1.3.1	Implicit VR Little Endian Explicit VR Little Endian	1.2.840.10008.1.2.1				
Storage		JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	-			
		JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70				
		RLE Lossless	1.2.840.10008.1.2.5				
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	Implicit VR Little Endian	1.2.840.10008.1.2				
2.3.490		Explicit VR Little Endian	1.2.840.10008.1.2.1				

4.2.6.4.1.2 SOP Specific Conformance for Verification SOP Class

The Storage SCP AE provides standard conformance to the Verification SOP Class as an SCP.

4.2.6.4.1.3 SOP Specific Conformance for Storage SOP Classes

The associated Activity with the Storage service is the storage of medical data received over the network on a designated hard disk. The Storage SCP AE will return a failure status if it is unable to store the instances on to the hard disk.

The Storage SCP AE is Level 0 conformant as a Storage SCP.

Table 4.2-57
THE STORAGE SCP AE C-STORE RESPONSE STATUS RETURN REASONS

Service Status	Further Meaning	Status Code	Reason
Success	Success	0000	The Composite SOP Instance was successfully received, verified, and stored in the system database.
Refused	Out of Resources	A700	Indicates that there was not enough local resources.
Error	Cannot Understand	C000	Indicates that the Storage SCP AE cannot parse the Data Set into Elements. (e.g. when receiving unsupported character sets)

4.2.7 Print SCU AE Specification

4.2.7.1 SOP Classes

The Print SCU AE provides Standard Conformance to the following Meta SOP Classes:

Table 4.2-58 META SOP CLASSES FOR THE PRINT SCU AE

SOP Class Name	SOP Class UID	SCU	SCP
Basic Grayscale Print Management Meta	1.2.840.10008.5.1.1.9	Yes	No
Basic Color Print Management Meta	1.2.840.10008.5.1.1.18	Yes	No

The above Meta SOP Classes are defined by the following set of supported SOP Classes:

Table 4.2-59 SOP CLASSES FOR THE PRINT SCU AE

SOP Class Name	SOP Class UID	SCU	SCP
Basic Film Session SOP Class	1.2.840.10008.5.1.1.1	Yes	No
Basic film Box SOP Class	1.2.840.10008.5.1.1.2	Yes	No
Basic Grayscale Image Box SOP Class	1.2.840.10008.5.1.1.4	Yes	No
Basic Color Image Box SOP Class	1.2.840.10008.5.1.1.4.1	Yes	No
Printer SOP Class	1.2.840.10008.5.1.1.16	Yes	No

4.2.7.2 Association Policies

4.2.7.2.1 General

The DICOM standard application context name for DICOM 3.0 is always proposed:

Table 4.2-60 DICOM APPLICATION CONTEXT FOR THE PRINT SCU AE

2.00				
Application Context Name	1.2.840.10008.3.1.1.1			

4.2.7.2.2 Number of Associations

The Print SCU AE initiates one association at a time.

Table 4.2-61 NUMBER OF ASSOCIATIONS ACCEPTED FOR THE PRINT SCU AE

Maximum number of simultaneous Associations	1
---	---

4.2.7.2.3 Asynchronous Nature

The Print SCU AE does not support asynchronous communication (multiple outstanding transactions over a single Association).

Table 4.2-62 ASYNCHRONOUS NATURE FOR THE PRINT SCU AE

Maximum number of outstanding asynchronous transactions	1
---	---

4.2.7.2.4 Implementation Identifying Information

The implementation information for the Print SCU AE is:

Table 4.2-63
DICOM IMPLEMENTATION CLASS AND VERSION FOR THE PRINT SCU AE

Implementation Class UID	1.2.392.200036.9116.6.15.1000.1
Implementation Version Name	TM_ARTIDA_1.0

4.2.7.3 Association Initiation Policy

4.2.7.3.1 Activity – Send Images & Print Management Information

4.2.7.3.1.1 Description and Sequencing of Activities

A user composes images onto film sheets and requests them to be sent to a specific hardcopy device. The user can select the desired film format and number of copies.

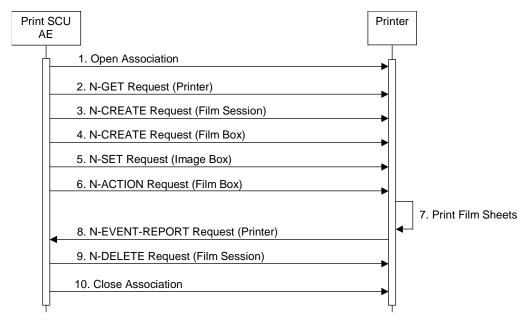


Figure 4.2-8
SEQUENCING OF ACTIVITY – SEND IMAGES & PRINT MANAGEMENT INFORMATION

A typical sequence of DIMSE messages sent over an association between the Print SCU AE and a Printer is illustrated in the Figure above:

- 1. The Print SCU AE opens an Association with the Printer.
- 2. N-GET on the Printer SOP Class is used to obtain current printer status information.
- 3. N-CREATE on the Film Session SOP Class creates a Film Session.
- 4. N-CREATE on the Film Box SOP Class creates a Film Box linked to the Film Session.
- 5. N-SET on the Image Box SOP Class transfers the contents of the film sheet to the printer.
- 6. N-ACTION on the Film Box SOP Class instructs the Printer to print the Film Box.
- 7. The Printer prints the requested number of film sheets.
- 8. The Printer asynchronously reports its status via N-EVENT-REPORT notification (Printer SOP Class). The printer can send this message at any time. The Print SCU AE does not require the N-EVENT-REPORT to be sent. The Print SCU AE is capable of receiving an N-EVENT-REPORT notification at any time during an association.
- 9. N-DELETE on the Film Session SOP Class deletes the complete Film Session SOP Instance hierarchy.
- 10. The Print SCU AE closes the Association with the Printer.

4.2.7.3.1.2 Proposed Presentation Contexts

The Print SCU AE is capable of proposing the Presentation Contexts shown in the table below:

Table 4.2-64 PROPOSED PRESENTATION CONTEXTS FOR ACTIVITY SEND IMAGES & PRINT MANAGEMENT INFORMATION

Presentation Context Table						
Abstract	Syntax	Transfer S	Transfer Syntax		Ext.	
Name	UID	Name List	UID List	Role	Neg.	
Basic Grayscale Print Management Meta	1.2.840.10008.5.1. 1.9	Implicit VR Little Endian Explicit VR Big Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.2	SCU	None	
Basic Color Print Management Meta	1.2.840.10008.5.1. 1.18	Implicit VR Little Endian Explicit VR Big Endian	1.2.840.10008.1.2 1.2.840.10008.1.2.2	SCU	None	

4.2.7.3.1.3 Common SOP Specific Conformance for all Print SOP Classes

The general behavior of the Print SCU AE during communication failure is summarized in the table below. This behavior is common for all SOP Classes supported by the Print SCU AE.

Table 4.2-65
PRINT COMMUNICATION FAILURE BEHAVIOR

Exception	Behavior
Timeout	The Association is aborted using A-ABORT and the print-job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application.
Association aborted by the SCP or network layers	The print-job is marked as failed. The reason is logged and the job failure is reported to the user via the job control application.

4.2.7.3.1.4 SOP Specific Conformance for Printer SOP Class

The Print SCU AE supports the following DIMSE operations and notifications for the Printer SOP Class:

- N-GET
- N-EVENT-REPORT

Details of the supported attributes and status handling behavior are described in the following subsections.

4.2.7.3.1.4.1 Printer SOP Class Operations (N-GET)

The Print SCU AE uses the Printer SOP Class N-GET operation to obtain information about the current printer status. The attributes obtained via N-GET are listed in the table below:

Table 4.2-66
PRINTER SOP CLASS N-GET REQUEST ATTRIBUTES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Printer Status	(2110,0010)	CS	Provided by Printer	ALWAYS	Printer
Printer Status Info	(2110,0020)	CS	Provided by Printer	ALWAYS	Printer

The Printer Status information is evaluated as follows:

- 1. If Printer status (2110,0010) is NORMAL, the print-job continues to be printed.
- 2. If Printer status (2110,0010) is FAILURE, the print-job is marked as failed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job control application.
- 3. If Printer status (2110,0010) is WARNING, the print-job continues to be printed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job control application.

The behavior of The Print SCU AE when encountering status codes in a N-GET response is summarized in the table below:

Table 4.2-67
PRINTER SOP CLASS N-GET RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Success	0000	The request to get printer status information was success.
*	*	Any other status code.	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.

4.2.7.3.1.4.2 Printer SOP Class Notifications (N-EVENT-REPORT)

The Print SCU AE is capable of receiving an N-EVENT-REPORT request at any time during an association.

The behavior of The Print SCU AE when receiving Event Types within the N-EVENT-REPORT is summarized in the table below:

Table 4.2-68
PRINTER SOP CLASS N-EVENT-REPORT BEHAVIOUR

Event Type Name	Event Type ID	Behavior
Normal	1	The print-job continues to be printed.
Warning	2	The print-job continues to be printed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job-control application.
Failure	3	The print-job is marked as failed. The contents of Printer Status Info (2110,0020) is logged and reported to the user via the job-control application.
*	*	An invalid Event Type ID will cause a status code of 0113H to be returned in a N-EVENT-REPORT response.

The reasons for returning specific status codes in a N-EVENT-REPORT response are summarized in the table below:

Table 4.2-69
PRINTER SOP CLASS N-EVENT-REPORT RESPONSE STATUS REASONS

Service Status	Further Meaning	Status Code	Reasons
Success	Success	0000	The notification event has been successfully received.
Failure	No Such Event Type	0113H	An invalid Event Type ID was supplied in the N-EVENT-REPORT request.
Failure	Processing Failure	0110H	An internal error occurred during processing of the N-EVENT-REPORT. A short description of the error will be returned in Error Comment (0000,0902).

4.2.7.3.1.5 SOP Specific Conformance for the Film Session SOP Class

The Print SCU AE supports the following DIMSE operations for the Film Session SOP Class:

- N-CREATE
- N-DELETE

Details of the supported attributes and status handling behavior are described in the following subsections.

4.2.7.3.1.5.1 Film Session SOP Class Operations (N-CREATE)

The attributes supplied in an N-CREATE Request are listed in the table below:

Table 4.2-70 FILM SESSION SOP CLASS N-CREATE REQUEST ATTRIBUTES

Attribute Name	Tag	VR	Value	Presenc e of Value	Source
Number of Copies	(2000,0010)	IS	1 9	ALWAYS	User
Print Priority	(2000,0020)	CS	MED	ALWAYS	Auto
Medium Type	(2000,0030)	CS	BLUE FILM, CLEAR FILM or PAPER	ALWAYS	User
Film Destination	(2000,0040)	CS	MAGAZINE or PROCESSOR	ALWAYS	User

The behavior of The Print SCU AE when encountering status codes in a N-CREATE response is summarized in the table below:

Table 4.2-71
FILM SESSION SOP CLASS N-CREATE RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Success	0000	The SCP has completed the operation successfully.
Warning	Attribute Value Out of Range	0116H	The N-CREATE operation is considered successful if it is configured that the status would be considered successful.
Warning	Attribute List Error	0107H	The N-CREATE operation is considered successful if it is configured that the status would be considered successful.
*	*	Any other status code.	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.

4.2.7.3.1.5.2 Film Session SOP Class Operations (N-DELETE)

The behavior of The Print SCU AE when encountering status codes in a N-DELETE response is summarized in the table below:

Table 4.2-72
PRINTER SOP CLASS N-DELETE RESPONSE STATUS HANDLING BEHAVIOR

	TRINTER GOT GEAGGIN BELETE REGIONGE GTATOG TIANDEING BEHAVIOR						
Service Status	Further Meaning	Status Code	Behavior				
Success	Success	0000	The SCP has completed the operation successfully.				
*	*	Any other status code.	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.				

4.2.7.3.1.6 SOP Specific Conformance for the Film Box SOP Class

The Print SCU AE supports the following DIMSE operations for the Film Box SOP Class:

- N-CREATE
- N-ACTION

Details of the supported attributes and status handling behavior are described in the following subsections.

4.2.7.3.1.6.1 Film Box SOP Class Operations (N-CREATE)

The attributes supplied in an N-CREATE Request are listed in the table below:

Table 4.2-73
FILM BOX SOP CLASS N-CREATE REQUEST ATTRIBUTES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Image Display Format	(2010,0010)	CS	STANDARD\1,1	ALWAYS	User
Referenced Film Session Sequence	(2010,0500)	SQ		ALWAYS	Auto
>Referenced SOP Class UID	(0008,1150)	UI	1.2.840.10008.5.1.1.1	ALWAYS	Auto
>Referenced SOP Instance UID	(0008,1155)	UI	From created Film Session SOP Instance	ALWAYS	Auto
Film Orientation	(2010,0040)	CS	PORTRAIT or LANDSCAPE	ALWAYS	User
Film Size ID	(2010,0050)	cs	8INX10IN, 10INX12IN, 10INX14IN, 11INX14IN, 14INX14IN, 14INX17IN, 11INX17IN, 24CMX24CM, 24CMX30CM, A4 or A3	ALWAYS	User
Magnification Type	(2010,0060)	CS	REPLICATE, BILINEAR, CUBIC or NONE	ALWAYS	User
Smoothing Type	(2010,0080)	CS		ANAP	User
Border Density	(2010,0100)	CS	BLACK or WHITE	ALWAYS	User
Empty Image Density	(2010,0110)	CS	BLACK or WHITE	ALWAYS	User
Min Density	(2010,0120)	US	0 9999	ALWAYS	User
Max Density	(2010,0130)	US	0 9999	ALWAYS	User
Trim	(2010,0140)	CS	YES or NO	ALWAYS	User
Configuration Information	(2010,0150)	ST		ALWAYS	Auto

The behavior of the Print SCU AE when encountering status codes in an N-CREATE response is summarized in the table below:

Table 4.2-74
FILM BOX SOP CLASS N-CREATE RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior	
Success	Success	0000	The SCP has completed the operation successfully.	
Warning	Requested Min Density or Max Density outside of printer's operating range	B605H	The N-CREATE operation is considered successful if it is configured that the status would be considered successful.	
*	*	Any other status code.	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.	

4.2.7.3.1.6.2 Film Box SOP Class Operations (N-ACTION)

An N-ACTION Request is issued to instruct the Print SCP to print the contents of the Film Box. The Action Reply argument in an N-ACTION response is not evaluated.

The behavior of The Print SCU AE when encountering status codes in a N-ACTION response is summarized in the table below:

Table 4.2-75
FILM BOX SOP CLASS N-ACTION RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Success	0000	The SCP has completed the operation successfully. The film has been accepted for printing.
Warning	Film Box SOP Instance hierarchy does not contain Image Box SOP Instances (empty page)	B603H	The N-ACTION operation is considered successful if it is configured that the status would be considered successful.
Warning	Image size is larger than Image Box size. The image has been demagnified.	B604H	The N-ACTION operation is considered successful if it is configured that the status would be considered successful.
Warning	Image size is larger than Image Box size. The image has been cropped to fit.	B609H	The N-ACTION operation is considered successful if it is configured that the status would be considered successful.
Warning	Image size or Combined Print Image Size is larger than Image Box size. The image or combined Print Image has been decimated to fit.	B60AH	The N-ACTION operation is considered successful if it is configured that the status would be considered successful.
Failure	Unable to create Print Job SOP Instance; print queue is full.	C602	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.
Failure	Image size is larger than Image Box size.	C603	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.
Failure	Combined Print Image Size is larger than Image Box size.	C613	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.
*	*	Any other status code.	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.

4.2.7.3.1.7 SOP Specific Conformance for the Grayscale Image Box SOP Class

The Print SCU AE supports the following DIMSE operations for the Grayscale Image Box SOP Class:

— N-SET

Details of the supported attributes and status handling behavior are described in the following subsections.

4.2.7.3.1.7.1 Grayscale Image Box SOP Class Operations (N-SET)

The attributes supplied in an N-SET Request are listed in the table below:

Table 4.2-76
GRAYSCALE IMAGE BOX SOP CLASS N-SET REQUEST ATTRIBUTES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Image Position	(2020,0010)	US	1	ALWAYS	Auto
Polarity	(2020,0020)	CS	NORMAL or REVERSE	ALWAYS	User
Magnification Type	(2010,0060)	cs	REPLICATE, BILINEAR, CUBIC or NONE	ALWAYS	User
Smoothing Type	(2010,0080)	CS		ANAP	User
Basic Grayscale Image Sequence	(2020,0110)	SQ		ALWAYS	Auto
>Samples Per Pixel	(0028,0002)	US	1	ALWAYS	Auto
>Photometric Interpretation	(0028,0004)	CS	MONOCHROME2	ALWAYS	Auto
>Rows	(0028,0010)	US		ALWAYS	Auto
>Columns	(0028,0011)	US		ALWAYS	Auto
>Pixel Aspect Ratio	(0028,0034)	IS	1\1	ALWAYS	Auto
>Bits Allocated	(0028,0100)	US	8	ALWAYS	Auto
>Bits Stored	(0028,0101)	US	8	ALWAYS	Auto
>High Bit	(0028,0102)	US	7	ALWAYS	Auto
>Pixel Representation	(0028,0103)	US	0	ALWAYS	Auto
>Pixel Data	(7FE0,0010)	ОВ		ALWAYS	Auto

The behavior of the Print SCU AE when encountering status codes in a N-SET response is summarized in the table below:

Table 4.2-77
GRAYSCALE IMAGE BOX SOP CLASS N-SET RESPONSE STATUS HANDLING BEHAVIOR

		RESPONSE STATUS HANDLING BEHAVIOR		
Service Status	Further Meaning	Status Code	Behavior	
Success	Success	0000	The SCP has completed the operation successfully. Image successfully stored in Image Box.	
Warning	Image size is larger than Image Box size. The image has been demagnified.	B604H	The N-SET operation is considered successful if it is configured that the status would be considered successful.	
Warning	Requested Min Density or Max Density outside of printer's operating range.	B605H	The N-SET operation is considered successful if it is configured that the status would be considered successful.	
Warning	Image size is larger than Image Box size. The image has been cropped to fit.	B609H	The N-SET operation is considered successful if it is configured that the status would be considered successful.	
Warning	Image size or Combined Print Image Size is larger than Image Box size. The image or combined Print Image has been decimated to fit.	B60AH	The N-SET operation is considered successful if it is configured that the status would be considered successful.	
Failure	Image size is larger than Image Box size.	C603	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.	
Failure	Insufficient memory in printer to store the image.	C605	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.	
Failure	Combined Print Image Size is larger than Image Box size.	C613	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.	
*	*	Any other status code.	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.	

4.2.7.3.1.8 SOP Specific Conformance for the Color Image Box SOP Class

The Print SCU AE supports the following DIMSE operations for the Color Image Box SOP Class:

— N-SET

Details of the supported attributes and status handling behavior are described in the following subsections.

4.2.7.3.1.8.1 Color Image Box SOP Class Operations (N-SET)

The attributes supplied in an N-SET Request are listed in the table below:

Table 4.2-78
COLOR IMAGE BOX SOP CLASS N-SET REQUEST ATTRIBUTES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Image Position	(2020,0010)	US	1	ALWAYS	Auto
Magnification Type	(2010,0060)	cs	REPLICATE, BILINEAR, CUBIC or NONE	ALWAYS	User
Smoothing Type	(2010,0080)	CS		ANAP	User
Basic Grayscale Image Sequence	(2020,0110)	SQ		ALWAYS	Auto
>Samples Per Pixel	(0028,0002)	US	3	ALWAYS	Auto
>Photometric Interpretation	(0028,0004)	CS	RGB	ALWAYS	Auto
>Planar Condition	(0028,0006)	US	0x0001	ALWAYS	Auto
>Rows	(0028,0010)	US		ALWAYS	Auto
>Columns	(0028,0011)	US		ALWAYS	Auto
>Pixel Aspect Ratio	(0028,0034)	IS	1\1	ALWAYS	Auto
>Bits Allocated	(0028,0100)	US	8	ALWAYS	Auto
>Bits Stored	(0028,0101)	US	8	ALWAYS	Auto
>High Bit	(0028,0102)	US	7	ALWAYS	Auto
>Pixel Representation	(0028,0103)	US	0	ALWAYS	Auto
>Pixel Data	(7FE0,0010)	ОВ		ALWAYS	Auto

The behavior of the Print SCU AE when encountering status codes in an N-SET response is summarized in the table below:

Table 4.2-79
COLOR IMAGE BOX SOP CLASS N-SET RESPONSE STATUS HANDLING BEHAVIOR

Service Status	Further Meaning	Status Code	Behavior
Success	Success	0000	The SCP has completed the operation successfully. Image successfully stored in Image Box.
Warning	Image size is larger than Image Box size. The image has been demagnified.	B604H	The N-SET operation is considered successful if it is configured that the status would be considered successful.
Warning	Requested Min Density or Max Density outside of printer's operating range.	B605H	The N-SET operation is considered successful if it is configured that the status would be considered successful.
Warning	Image size is larger than Image Box size. The image has been cropped to fit.	B609H	The N-SET operation is considered successful if it is configured that the status would be considered successful.
Warning	Image size or Combined Print Image Size is larger than Image Box size. The image or combined Print Image has been decimated to fit.	B60AH	The N-SET operation is considered successful if it is configured that the status would be considered successful.
Failure	Image size is larger than Image Box size.	C603	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.
Failure	Insufficient memory in printer to store the image.	C605	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.
Failure	Combined Print Image Size is larger than Image Box size.	C613	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.
*	*	Any other status code.	The Association is aborted using A-ABORT and the print-job is marked as failed. The status meaning is logged and reported to the user.

4.2.7.4 Association Acceptance Policy

The Print SCU AE does not accept associations.

4.3 NETWORK INTERFACES

4.3.1 Physical Network Interface

This product supports a single network interface. One of the following physical network interfaces will be available depending on installed hardware options:

Table 4.3-1
SUPPORTED PHYSICAL NETWORK INTERFACES

Ethernet 1000baseT		
Ethernet 100baseT		
Ethernet 10baseT		

4.3.2 Additional Protocols

None.

4.4 CONFIGURATION

4.4.1 AE Title/Presentation Address Mapping

4.4.1.1 Local AE Titles

All local applications use the AE Titles and TCP/IP Ports configured via the service tool. The Field Service Engineer can configure the TCP Port via the service tool.

Note: Up to 16 characters (alphanumeric characters, "-", ".", and " ") can be used in the AE Titles.

Table 4.4-1
AE TITLE CONFIGURATION TABLE

Application Entity	Default AE Title	Default TCP/IP Port
MWM SCU	MWMSCU_AE	
MPPS SCU	MPPSSCU_AE	
Print SCU	PrintSCU_AE	Not Applicable
Q/R SCU	DIGON I GON GON	
Storage SCU	DICOM_LOCAL_SCU	
Storage SCP	DIOON LOON OOD	404
Storage Commitment SCU	DICOM_LOCAL_SCP	104

4.4.1.2 Remote AE Title/Presentation Address Mapping

The AE Titles, host names and port numbers of remote applications are configured using the service tool.

Note: Up to 16 characters (alphanumeric characters, "-", ".", and "_") can be used in the AE Titles.

4.4.2 Parameters

A large number of parameters related to acquisition and general operation can be configured using the service tool. The table below only shows those configuration parameters relevant to DICOM communication. See the Product's Service Manual for details on general configuration capabilities.

Table 4.4-2
CONFIGURATION PARAMETERS TABLE

Parameter	Configurable (Yes/No) [Range]	Default Value
General Parameter	s	
Maximum PDU send/receive size	Yes [2048-1048576]	32768 bytes
Time-out waiting for an acceptance or rejection response to an association request (Application Level Timeout)	Yes [1-9999999]	30 sec
Time-out waiting for a response to an association release request (Application Level Timeout)	Yes [1-9999999]	30 sec

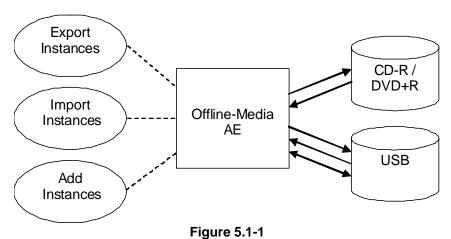
Parameter	Configurable (Yes/No) [Range]	Default Value		
Time-out waiting for completion of a TCP/IP connect request (Low-level timeout)	Yes [1-9999999]	30 sec		
Time-out awaiting a response to a DIMSE request (Low-Level Timeout)	Yes [1-9999999]	30 sec		
Time-out for waiting for data between TCP/IP-packets (Low Level Timeout)	Yes [1-9999999]	30 sec		
Storage SCU Paramete	ers			
Maximum number of simultaneously initiated associations by the Storage SCU AE	No	10		
Number of times a failed send job may be retried	No	Forever, until the job succeeds or user cancels it.		
Storage Commitment SCU Pa	arameters			
Maximum number of simultaneously initiated associations by the Storage Commitment SCU AE	No	10		
Maximum number of simultaneously accepted associations by the Storage Commitment SCU AE	No	10		
Time-out waiting for a Storage Commitment Notification (maximum duration of applicability for a Storage Commitment Transaction UID)	Yes [1-99999](msec, sec, min, hour, month or year)	180 sec		
Delay association release after sending a storage commitment request (wait for a storage commitment notification over the same association)	No	0		
Modality Worklist SCU Para	ameters			
Maximum number of simultaneously initiated associations by the MWM SCU AE	No	1		
Maximum number of worklist items	Yes [1-9999]	200		
Query worklist for specific Scheduled Station AE Title	Yes	MWMSCU_AE		
Query worklist for specific Modality	Yes	US		
MPPS SCU Parameters				
Maximum number of simultaneously initiated associations by the MPPS SCU AE	No	1		
Number of times a failed send job may be retried	No	Forever, until the job succeeds or user cancels it.		

Parameter	Configurable (Yes/No) [Range]	Default Value			
Q/R SCU Parameters	Q/R SCU Parameters				
Maximum number of simultaneously initiated associations by the Q/R SCU AE	No	1			
Maximum number of matching entries	No	5000			
Storage SCP Parameters					
Maximum number of simultaneously initiated associations by the Storage SCP AE	No	10			
Print SCU Parameters					
Maximum number of simultaneously initiated associations by the Print SCU AE	No	1			

5. MEDIA INTERCHANGE

5.1 IMPLEMENTATION MODEL

5.1.1 Application Data Flow



APPLICATION DATA FLOW DIAGRAM FOR MEDIA STORAGE

- The Offline-Media AE exports instances to a CD-R, DVD+R or USB Storage medium. It is associated with the local real-world activity "Export Instances" performed upon user request.
- The Offline-Media AE imports instances from a CD-R, DVD+R or USB Storage medium. It is associated with the local real-world activity "Import Instances" performed upon user request.
- The Offline-Media AE updates instances from a USB Storage medium. It is associated with the local real-world activity "Add Instances" performed upon user request.

5.1.2 Functional Definition of AEs

5.1.2.1 Functional Definition of Offline-Media AE

The Offline-Media AE is performed upon user request for selected instances to/from an offline DICOM CD-R, DVD+R or USB medium. It therefore performs the following tasks:

Export:

- Builds DICOM Information Objects.
- Creates a DICOMDIR file that represents the contents of the DICOM Information Objects to be recorded.
- Records DICOM Information Objects and the DICOMDIR file to the CD-R, DVD+R or USB medium.

Import:

- Reads the DICOMDIR file that represents the contents of the data as recorded.
- Displays the ordered list of instances, identifying information.
- Loads the selected instances from the CD-R, DVD+R or USB medium and displays them on the screen.

Addition:

- Reads a File-set of the USB medium and writes it to the local storage device.
- Adds the instances to the File-set, then writes it to the medium.
- Modifies the DICOMDIR file.

Note: The Offline-Media AE can update files created by the product itself.

5.1.3 Sequencing of Real-World Activities

5.1.3.1 Activity – Export Instances

Operator requests to create new File-set(s) onto a new CD-R, DVD+R or USB medium. The requests are placed in a queue and are executed in the background.

The operations for "Export Instances" are described below:

- Step-1: Select the instances on the local storage device to be created to the medium.
- Step-2: Request to copy to the medium.

5.1.3.2 Activity – Import Instances

Operator requests to retrieve File-set(s) on the CD-R, DVD+R or USB medium. The requests are placed in a queue and are executed in the background.

The operations for "Import Instances" are described below:

- Step-1: Select the instances on the medium to be retrieved to the local storage device.
- Step-2: Request to copy to the local storage device.

5.1.3.3 Activity – Add Instances

Operator requests to add new objects to an already existing File-set on the USB medium. The requests are placed in a queue and are executed in the background.

The operations for "Add Instances" are described below:

- Step-1: Select the instances on the local storage device to be added to the medium.
- Step-2: Request to copy to the medium.

5.1.4 File Meta Information for Implementation Class and Version

The implementation information written to the File Meta Header in each file is:

Table 5.1-1
DICOM IMPLEMENTATION CLASS AND VERSION FOR MEDIA STORAGE

File Meta Information Version	1
Implementation Class UID	1.2.392.200036.9116.6.15.1000.1
Implementation Version Name	TM_ARTIDA_1.0

5.2 AE SPECIFICATIONS

5.2.1 Offline-Media AE Specification

The Offline-Media AE provides standard conformance to the DICOM Interchange Option of the Media Storage Service Class. The Application Profiles and roles are listed below:

Table 5.2-1
APPLICATION PROFILES, ACTIVITIES AND ROLES FOR OFFLINE-MEDIA

Application Profiles Supported	Real World Activity	Role	SC Option
AUG-GEN-CD, AUG-GEN-DVD	Export Instances	FSC	Interchange
	Import Instances	FSR	Interchange
AUG-GEN-USB	Export Instances	FSC	Interchange
	Import Instances	FSR	Interchange
	Add Instances	FSU	Interchange

5.2.1.1 File Meta Information for the Application Entity

The Source Application Entity Title is the local AE title of Storage SCP.

5.2.1.2 Real-World Activities

5.2.1.2.1 Activity – Export Instances

The Offline-Media AE acts as an FSC using the interchange option when requested to export SOP Instances from the local database to a CD-R, DVD+R or USB medium.

5.2.1.2.1.1 Media Storage Application Profiles

The Offline-Media AE supports the AUG-GEN-CD, AUG-GEN-DVD and AUG-GEN-USB Application Profiles.

5.2.1.2.1.1.1 Options

The Offline-Media AE supports the SOP Classes and Transfer Syntaxes listed in Table 5.3-1.

5.2.1.2.2 Activity – Import Instances

The Offline-Media AE acts as an FSR using the interchange option when requested to import SOP Instances from a CD-R, DVD+R or USB medium to the local database.

5.2.1.2.2.1 Media Storage Application Profiles

The Offline-Media AE supports the AUG-GEN-CD, AUG-GEN-DVD and AUG-GEN-USB Application Profiles.

5.2.1.2.2.1.1 Options

The Offline-Media AE supports the SOP Classes and Transfer Syntaxes listed in Table 5.3-1.

5.2.1.2.3 Activity – Add Instances

The Offline-Media AE acts as an FSU using the interchange option when requested to add SOP Instances from the local database to a USB medium.

5.2.1.2.3.1 Media Storage Application Profiles

The Offline-Media AE supports the AUG-GEN-USB Application Profiles.

5.2.1.2.3.1.1 Options

The Offline-Media AE supports the SOP Classes and Transfer Syntaxes listed in Table 5.3-1.

5.3 AUGMENTED AND PRIVATE APPLICATION PROFILES

5.3.1 Augmented Application Profiles

5.3.1.1 Augmented Application Profiles - AUG-GEN-CD, AUG-GEN-DVD and AUG-GEN-USB

5.3.1.1.1 SOP Class Augmentations

The Augmented Application Profiles support the following SOP Classes and Transfer Syntaxes:

Table 5.3-1 SOP CLASS AUGMENTATIONS

Information Object Definition	SOP Class UID	Transfer Syntax	Transfer Syntax UID	
DICOM Media Storage Directory	1.2.840.10008.1.3.10	Explicit VR Little Endian	1.2.840.10008.1.2.1	
Secondary Capture	1.2.840.10008.5.1.4.1.1.7	Explicit VR Little Endian	1.2.840.10008.1.2.1	
Image Storage		JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	
		JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70	
		RLE Lossless	1.2.840.10008.1.2.5	
Ultrasound Image	1.2.840.10008.5.1.4.1.1.6.1	Explicit VR Little Endian	1.2.840.10008.1.2.1	
Storage		JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	
		JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70	
		RLE Lossless	1.2.840.10008.1.2.5	
Ultrasound Multi-frame	1.2.840.10008.5.1.4.1.1.3.1	Explicit VR Little Endian	1.2.840.10008.1.2.1	
Image Storage		JPEG Baseline (Process 1)	1.2.840.10008.1.2.4.50	
		JPEG Lossless, Non-Hierarchical, First-Order Prediction	1.2.840.10008.1.2.4.70	
		RLE Lossless	1.2.840.10008.1.2.5	
Enhanced SR Storage	1.2.840.10008.5.1.4.1.1.88.22	Explicit VR Little Endian	1.2.840.10008.1.2.1	

5.3.1.1.2 Directory Augmentations

Not applicable.

5.3.1.1.3 Other Augmentations

Not applicable.

5.3.2 Private Application Profiles

Not applicable.

5.4 MEDIA CONFIGURATION

Not applicable.

6. SUPPORT OF CHARACTER SETS

This product supports ISO-IR 100 (Latin alphabet No.1) Supplementary set of ISO8859.

Notes: If the Storage SCP AE receives instances that contain characters from unsupported character sets, it will respond with "Cannot Understand" to the C-STORE request.

If the MWM SCU AE receives worklist items that contain characters from unsupported character sets, it may abort the association using A-ABORT.

7. SECURTIY

This product does not support any specific security measures.

It is assumed that the product is used within a secured environment. It is assumed that a secured environment includes at a minimum:

- Firewall or router protections to ensure that only approved external hosts have network access to the product.
- b. Firewall or router protections to ensure that the product only has network access to approved external hosts and services.

Other network security procedures such as automated intrusion detection may be appropriate in some environments. Additional security features may be established by the local security policy and are beyond the scope of this conformance statement.

8. ANNEXES

8.1 IOD CONTENTS

8.1.1 Created SOP Instances

Table 8.1-1 specifies the attributes of a Secondary Capture Image transmitted by the Storage SCU AE.

Table 8.1-2 specifies the attributes of an Ultrasound Image transmitted by the Storage SCU AE.

Table 8.1-3 specifies the attributes of an Ultrasound Multi-frame Image transmitted by the Storage SCU AE.

Table 8.1-4 specifies the attributes of an Enhanced SR transmitted by the Storage SCU

The following tables use a number of abbreviations. The abbreviations used in the "Presence of ..." column are:

VNAP Value Not Always Present (attribute sent zero length if no value is present)

ANAP Attribute Not Always Present

ALWAYS Always Present

EMPTY Attribute is sent without a value

The abbreviations used in the "Source" column:

MWL the attribute value source Modality Worklist
USER the attribute value source is from user input
AUTO the attribute value is generated automatically

MPPS the attribute value is the same as that use for Modality Performed Procedure Step

CONFIG the attribute value source is a configurable parameter

8.1.1.1 SC Image IOD

Table 8.1-1
IOD OF CREATED SC IMAGE SOP INSTANCES

IE	Module	Reference	Presence of Module
Patient	Patient	Table 8.1-5	ALWAYS
	Clinical Trial Subject		Not Present
Study	General Study	Table 8.1-6	ALWAYS
	Patient Study	Table 8.1-7	ALWAYS
	Clinical Trial Study		Not Present
Series	General Series	Table 8.1-8	ALWAYS
	Clinical Trial Series		Not Present
Equipment	General Equipment	Table 8.1-9	ALWAYS
	SC Equipment	Table 8.1-14	ALWAYS
Image	General Image	Table 8.1-10	ALWAYS
	Image Pixel	Table 8.1-11	ALWAYS
	SC Image	Table 8.1-15	Not Present
	Overlay Plane		Not Present
	Modality LUT		Not Present
	VOI LUT		Not Present
	SOP Common	Table 8.1-16	ALWAYS
	Private Application	Table 8.1-12	ALWAYS

8.1.1.2 US Image IOD

Table 8.1-2 IOD OF CREATED US IMAGE SOP INSTANCES

IE	Module	Reference	Presence of Module
Patient	Patient	Table 8.1-5	ALWAYS
	Clinical Trial Subject		Not Present
Study	General Study	Table 8.1-6	ALWAYS
	Patient Study	Table 8.1-7	ALWAYS
	Clinical Trial Study		Not Present
Series	General Series	Table 8.1-8	ALWAYS
	Clinical Trial Series		Not Present
Frame of	Frame of Reference		Not Present
Reference	Synchronization		Not Present
Equipment	General Equipment	Table 8.1-9	ALWAYS
Image	General Image	Table 8.1-10	ALWAYS
	Image Pixel	Table 8.1-11	ALWAYS
	Contrast/bolus		Not Present
	Palette Color Lookup Table		Not Present
	US Region Calibration	Table 8.1-13	ALWAYS
	US Image	Table 8.1-17	ALWAYS
	Overlay Plane		Not Present
	VOI LUT		Not Present
	SOP Common	Table 8.1-18	ALWAYS
	Private Application	Table 8.1-12	ALWAYS

8.1.1.3 US Multi-frame Image IOD

Table 8.1-3
IOD OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES

IE	Module	Reference	Presence of Module
Patient	Patient	Table 8.1-5	ALWAYS
	Clinical Trial Subject		Not Present
Study	General Study	Table 8.1-6	ALWAYS
	Patient Study	Table 8.1-7	ALWAYS
	Clinical Trial Study		Not Present
Series	General Series	Table 8.1-8	ALWAYS
	Clinical Trial Series		Not Present
Frame of	Frame of Reference		Not Present
Reference	Synchronization		Not Present
Equipment	General Equipment	Table 8.1-9	ALWAYS
Image	General Image	Table 8.1-10	ALWAYS
	Image Pixel	Table 8.1-11	ALWAYS
	Contrast/bolus		Not Present
	Cine	Table 8.1-19	ALWAYS
	Multi-frame	Table 8.1-20	ALWAYS
	Frame Pointers		Not Present
	Palette Color Lookup Table		Not Present
	US Region Calibration	Table 8.1-13	ALWAYS
	US Image	Table 8.1-21	ALWAYS
	VOI LUT		Not Present
	SOP Common	Table 8.1-22	ALWAYS
	Private Application	Table 8.1-12	ALWAYS

8.1.1.4 Enhanced SR IOD

Table 8.1-4
IOD OF CREATED ENHANCED SR SOP INSTANCES

IE	Module	Reference	Presence of Module
Patient	Patient	Table 8.1-5	ALWAYS
	Specimen Identification		Not Present
	Clinical Trial Subject		Not Present
Study	General Study	Table 8.1-6	ALWAYS
	Patient Study	Table 8.1-7	ALWAYS
	Clinical Trial Study		Not Present
Series	SR Document Series	Table 8.1-23	ALWAYS
	Clinical Trial Series		Not Present
Equipment	General Equipment	Table 8.1-9	ALWAYS
Document	SR Document General	Table 8.1-24	ALWAYS
	SR Document Content	Table 8.1-25 Table 8.1-47 SR DOCUMENT CONTENT MODULE OF CREATED ENHANCED SR SOP INSTANCES FOR VASCULAR ULTRASOUND REPORT TEMPLATE	ALWAYS
	SOP Common	Table 8.1-49 SOP COMMON MODULE OF CREATED ENHANCED SR SOP INSTANCES	ALWAYS
	Private Application	Table 8.1-12	ALWAYS

8.1.1.5 Common Modules

Table 8.1-5
PATIENT MODULE OF CREATED SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Patient's Name	(0010,0010)	PN		VNAP	MWL/ USER
Patient ID	(0010,0020)	LO		ALWAYS	MWL/ USER
Patient's Birth Date	(0010,0030)	DA	"18581118" will be entered if no value is present.	ALWAYS	MWL/ USER
Patient's Sex	(0010,0040)	cs		VNAP	MWL/ USER
Ethnic Group	(0010,2160)	SH		VNAP	MWL/ USER
Patient Comments	(0010,4000)	LT	Values supplied via Modality Worklist will be entered at <i>Patient Comment</i> . Comment from Modality Worklist or user input will be edited in the following format: <"Insurance="Health Insurance Information <linefeed> Comment>.</linefeed>	ALWAYS	MWL/ USER

Table 8.1-6
GENERAL STUDY MODULE OF CREATED SOP INSTANCES

GENERAL STODY MODULE OF GREATED SOF INSTANCES								
Attribute Name	Tag	VR	Value	Presence of Value	Source			
Study Instance UID	(0020,000D)	UI		ALWAYS	MWL/ AUTO			
Study Date	(0008,0020)	DA		ALWAYS	AUTO			
Study Time	(0008,0030)	TM		ALWAYS	AUTO			
Referring Physician's Name	(0008,0090)	PN		VNAP	MWL/ USER			
Study ID	(0020,0010)	SH		ALWAYS	AUTO			
Accession Number	(0008,0050)	SH		VNAP	MWL/ USER			
Study Description	(0008,1030)	LO	See Table 4.2-30 Notes	ANAP	USER			
Study Comments	(0032,4000)	LT	Additional Info from user input will be edited in the following format: <"BSA="BSA Information <linefeed> "BSAType="BSA Type Information>.</linefeed>	ALWAYS	USER			
Referenced Study Sequence	(0008,1110)	SQ		ANAP	MWL			
>Referenced SOP Class UID	(0008,1150)	UI		ANAP	MWL			
>Referenced SOP Instance UID	(0008,1155)	UI		ANAP	MWL			

Table 8.1-7
PATIENT STUDY MODULE OF CREATED SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Patient's Age	(0010,1010)	AS		ANAP	AUTO
Patient's Size	(0010,1020)	DS		VNAP	MWL/ USER
Patient's Weight	(0010,1030)	DS		VNAP	MWL/ USER

Table 8.1-8
GENERAL SERIES MODULE OF CREATED SOP INSTANCES

GENERAL SERIES MODULE OF CREATED SOF INSTANCES									
Attribute Name	Tag	VR	Value	Presence of Value	Source				
Modality	(0008,0060)	cs	US	ALWAYS	AUTO				
Series Instance UID	(0020,000E)	UI		ALWAYS	AUTO				
Series Number	(0020,0011)	IS		ALWAYS	AUTO				
Series Date	(0008,0021)	DA		ALWAYS	AUTO				
Series Time	(0008,0031)	TM		ALWAYS	AUTO				
Performing Physician's Name	(0008,1050)	PN		VNAP	MWL/ USER				
Protocol Name	(0018,1030)	LO		ALWAYS	MWL/ USER				
Series Description	(0018,103E)	LO	Blood Pressure from user input will be edited in the following format: <"BloodPressure="Blood Pressure Information>.	ANAP	AUTO				
Operator's Name	(0008,1070)	PN		VNAP	USER				
Referenced Performed Procedure Step Sequence	(0008,1111)	SQ		ANAP	MWL				
>Referenced SOP Class UID	(0008,1150)	UI		ANAP	MWL				
>Referenced SOP Instance UID	(0008,1155)	UI		ANAP	MWL				
Request Attributes Sequence	(0040,0275)	SQ		ANAP	MWL				
>Requested Procedure ID	(0040,1001)	SH		ANAP	MWL				
>Scheduled Procedure Step ID	(0040,0009)	SH		ANAP	MWL				
>Scheduled Procedure Step Description	(0040,0007)	LO	See Table 4.2-30 Notes	ANAP	MWL				
>Scheduled Protocol Code Sequence	(0040,0008)	SQ		ANAP	MWL				
Performed Procedure Step ID	(0040,0253)	SH		ANAP	MWL/ AUTO				
Performed Procedure Step Start Date	(0040,0244)	DA		ANAP	AUTO				
Performed Procedure Step Start Time	(0040,0245)	ТМ		ANAP	AUTO				

Performed Procedure Step Description	(0040,0254)	LO	ANAP	MWL
Performed Protocol Code Sequence	(0040,0260)	SQ	ANAP	MWL
>Code Value	(0008,0100)	SH	ANAP	AUTO
>Coding Scheme Designator	(0008,0102)	SH	ANAP	AUTO
>Coding Scheme Version	(0008,0103)	SH	ANAP	AUTO
>Code Meaning	(0008,0104)	LO	ANAP	AUTO

Table 8.1-9
GENERAL EQUIPMENT MODULE OF CREATED SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Manufacturer	(0008,0070)	LO	TOSHIBA_MEC_US	ALWAYS	AUTO
Institution Name	(0008,0080)	LO		ALWAYS	CONFIG
Institution Address	(0008,0081)	ST		ALWAYS	CONFIG
Station Name	(0008,1010)	SH		ALWAYS	CONFIG
Institutional Department Name	(0008,1040)	LO		ALWAYS	CONFIG
Manufacturer's Model Name	(0008,1090)	LO	SSH-880CV	ALWAYS	AUTO
Device Serial Number	(0018,1000)	LO		ALWAYS	AUTO
Software Version	(0018,1020)	LO	AA_V2.50*R000	ALWAYS	AUTO

Table 8.1-10
GENERAL IMAGE MODULE OF CREATED SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source			
Instance Number	(0020,0013)	IS		ALWAYS	AUTO			
Patient Orientation	(0020,0020)	cs		EMPTY	AUTO			
Content Date	(0008,0023)	DA		ALWAYS	AUTO			
Content Time	(0008,0033)	ТМ		ALWAYS	AUTO			
Image Type	(0008,0008)	cs	Value 1: Pixel Data Characteristics "ORIGINAL" or "DERIVED" Value 2: Patient Exam Characteristics "PRIMARY" or "SECONDARY" Value 3: System Defined Term	ANAP	AUTO			
Acquisition Date	(0008,0022)	DA		ALWAYS	AUTO			
Acquisition Time	(0008,0032)	TM		ALWAYS	AUTO			
Derivation Description	(0008,2111)	ST		ANAP	AUTO			
Burned In Annotation	(0028,0301)	cs		ALWAYS	AUTO			
Lossy Image Compression	(0028,2110)	cs		ANAP	AUTO			
Lossy Image Compression Ratio	(0028,2112)	DS		ANAP	AUTO			

Table 8.1-11 IMAGE PIXEL MODULE OF CREATED SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Samples per Pixel	(0028,0002)	US		ALWAYS	AUTO
Photometric Interpretation	(0028,0004)	cs		ALWAYS	CONFIG
Planar Configuration	(0028,0006)	US		ANAP	AUTO

Rows	(0028,0010)	US	720 or 1024	ALWAYS	AUTO
Columns	(0028,0011)	US	960 or 1280	ALWAYS	AUTO
Bits Allocated	(0028,0100)	US	8	ALWAYS	AUTO
Bits Stored	(0028,0101)	US	8	ALWAYS	AUTO
High Bit	(0028,0102)	US	7	ALWAYS	AUTO
Pixel Representation	(0028,0103)	US	0	ALWAYS	AUTO
Pixel Data	(7FE0,0010)	OB or OW		ALWAYS	AUTO

Table 8.1-12
PRIVATE APPLICATION MODULE OF CREATED SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Private Creator	(0029,00xx)	LO		ALWAYS	AUTO
Application Header Type	(0029,xx08)	cs		ALWAYS	AUTO
Application Header Version	(0029,xx09)	LO		ALWAYS	AUTO
Application Header Data	(0029,xx10)	ОВ		ALWAYS	AUTO
Application Header Type	(0029,xx89)	LO		ALWAYS	AUTO
Application Header Data	(0029,xx90)	ОВ		ALWAYS	AUTO
Private Creator	(7015,00xx)	LO		ALWAYS	AUTO
Application Header Data	(7015,xx60)	ОВ		ANAP	AUTO
Application Header Sequence	(7015,xx73)	SQ		ALWAYS	AUTO

8.1.1.6 US Region Calibration Module

Table 8.1-13 US REGION CALIBRATION MODULE

Attribute Name	Tag	VR	Value	Presence of Value	Source
Sequence of Ultrasound Regions	(0018,6011)	SQ		ALWAYS	AUTO
>Region Spatial Format	(0018,6012)	US		ALWAYS	AUTO
>Region Data Type	(0018,6014)	US		ALWAYS	AUTO
>Region Flags	(0018,6016)	UL		ALWAYS	AUTO
>Region Location Min x0	(0018,6018)	UL		ALWAYS	AUTO
>Region Location Min y0	(0018,601A)	UL		ALWAYS	AUTO
>Region Location Max x1	(0018,601C)	UL		ALWAYS	AUTO
>Region Location Max y1	(0018,601E)	UL		ALWAYS	AUTO
>Reference Pixel x0	(0018,6020)	SL		ALWAYS	AUTO
>Reference Pixel y0	(0018,6022)	SL		ALWAYS	AUTO
>Physical Units X Direction	(0018,6024)	US		ALWAYS	AUTO
>Physical Units Y Direction	(0018,6026)	US		ALWAYS	AUTO
>Reference Pixel Physical Value X	(0018,6028)	FD		ALWAYS	AUTO
>Reference Pixel Physical Value Y	(0018,602A)	FD		ALWAYS	AUTO
>Physical Delta X	(0018,602C)	FD		ALWAYS	AUTO
>Physical Delta Y	(0018,602E)	FD		ALWAYS	AUTO
>Transducer Frequency	(0018,6030)	UL		ALWAYS	AUTO
>Pulse Repetition Frequency	(0018,6032)	UL		ANAP	AUTO
>Doppler Correction Angle	(0018,6034)	FD		ANAP	AUTO
>Steering Angle	(0018,6036)	FD		ANAP	AUTO
>Doppler Sample Volume X Position	(0018,6038)	UL		ANAP	AUTO
>Doppler Sample Volume Y Position	(0018,603A)	UL		ANAP	AUTO
>TM-Line Position x0	(0018,603C)	UL		ANAP	AUTO
>TM-Line Position y0	(0018,603E)	UL		ANAP	AUTO
>TM-Line Position x1	(0018,6040)	UL		ANAP	AUTO
>TM-Line Position y1	(0018,6042)	UL		ANAP	AUTO

8.1.1.7 SC Image Modules

Table 8.1-14 SC EQUIPMENT MODULE OF CREATED SC IMAGE SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Conversion Type	(0028,0064)	CS	"DV" (Digitized Video), "DI" (Digital Interface), "DF" (Digitized Film), or "WSD" (Workstation)	ALWAYS	AUTO

Table 8.1-15 SC IMAGE MODULE OF CREATED SC IMAGE SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Date of Secondary Capture	(0018,1012)	DA		Not Present	
Time of Secondary Capture	(0018,1014)	TM		Not Present	

Table 8.1-16 SOP COMMON MODULE OF CREATED SC IMAGE SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Specific Character Set	(0008,0005)	CS	ISO_IR 100	ALWAYS	AUTO
SOP Class UID	(0008,0016)	UI	1.2.840.10008.5.1.4.1.1.7	ALWAYS	AUTO
SOP Instance UID	(0008,0018)	UI		ALWAYS	AUTO

8.1.1.8 US Image Modules

Table 8.1-17
US IMAGE MODULE OF CREATED US IMAGE SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Transducer Data	(0018,5010)	LO		ALWAYS	AUTO
Focus Depth	(0018,5012)	DS		ALWAYS	AUTO
Mechanical Index	(0018,5022)	DS		ALWAYS	AUTO
Bone Thermal Index	(0018,5024)	DS		ALWAYS	AUTO
Soft Tissue Thermal Index	(0018,5027)	DS		ALWAYS	AUTO
Depth of Scan Field	(0018,5050)	IS		ALWAYS	AUTO
Transducer Type	(0018,6031)	CS		ALWAYS	AUTO
Samples per Pixel	(0028,0002)	US		ALWAYS	AUTO
Photometric Interpretation	(0028,0004)	CS		ALWAYS	CONFIG
Planar Configuration	(0028,0006)	US		ANAP	AUTO
Rows	(0028,0010)	US	720	ALWAYS	USER
Columns	(0028,0011)	US	960	ALWAYS	USER
Ultrasound Color Data Present	(0028,0014)	US		ALWAYS	AUTO
Bits Allocated	(0028,0100)	US	8	ALWAYS	AUTO
Bits Stored	(0028,0101)	US	8	ALWAYS	AUTO
High Bit	(0028,0102)	US	7	ALWAYS	AUTO
Pixel Representation	(0028,0103)	US	0	ALWAYS	AUTO
Pixel Data	(7FE0,0010)	OB or OW		ALWAYS	AUTO

Table 8.1-18
SOP COMMON MODULE OF CREATED US IMAGE SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Specific Character Set	(0008,0005)	CS	ISO_IR 100	ALWAYS	AUTO
SOP Class UID	(0008,0016)	UI	1.2.840.10008.5.1.4.1.1.6.1	ALWAYS	AUTO
SOP Instance UID	(0008,0018)	UI		ALWAYS	AUTO

8.1.1.9 US Multi-frame Image Modules

Table 8.1-19
CINE MODULE OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES

	-		ETTTTO COLUMN TO E GOT THOSE		
Attribute Name	Tag	VR	Value	Presence of Value	Source
Start Trim	(0008,2142)	IS		ANAP	AUTO
Stop Trim	(0008,2143)	IS		ANAP	AUTO
Recommended Display Frame Rate	(0008,2144)	IS		ANAP	USER
Cine Rate	(0018,0040)	IS		ANAP	USER
Effective Duration	(0018,0072)	DS		ANAP	AUTO
Frame Time	(0018,1063)	DS		ALWAYS	AUTO
Frame Delay	(0018,1066)	DS		ANAP	AUTO
Actual Frame Duration	(0018,1242)	IS		ANAP	AUTO

Table 8.1-20
MULTI-FRAME MODULE OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Number of Frames	(0028,0008)	IS		ALWAYS	USER
Frame Increment Pointer	(0028,0009)	AT		ALWAYS	AUTO

Table 8.1-21
US IMAGE MODULE OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES

		TOLIT-I KAME IMAGE GOT IN	1	1	
Attribute Name	Tag	VR	Value	Presence of Value	Source
Stage Name	(0008,2120)	SH		ANAP	AUTO
Stage Number	(0008,2122)	IS		ANAP	AUTO
Number of Stages	(0008,2124)	IS		ANAP	AUTO
View Name	(0008,2127)	SH		ANAP	AUTO
View Number	(0008,2128)	IS		ANAP	AUTO
Number of Views in Stage	(0008,212A)	IS		ANAP	AUTO
Heart Rate	(0008,1088)	IS		ANAP	AUTO
Transducer Data	(0018,5010)	LO		ALWAYS	AUTO
Focus Depth	(0018,5012)	DS		ALWAYS	AUTO
Mechanical Index	(0018,5022)	DS		ALWAYS	AUTO
Bone Thermal Index	(0018,5024)	DS		ALWAYS	AUTO
Soft Tissue Thermal Index	(0018,5027)	DS		ALWAYS	AUTO

					1
Depth of Scan Field	(0018,5050)	IS		ALWAYS	AUTO
Transducer Type	(0018,6031)	cs		ALWAYS	AUTO
Samples per Pixel	(0028,0002)	US		ALWAYS	AUTO
Photometric Interpretation	(0028,0004)	CS		ALWAYS	AUTO
Planar Configuration	(0028,0006)	US		ALWAYS	AUTO
Rows	(0028,0010)	US	660 or 720	ALWAYS	AUTO
Columns	(0028,0011)	US	416, 480 or 960	ALWAYS	AUTO
Ultrasound Color Data Present	(0028,0014)	US		ANAP	AUTO
Bits Allocated	(0028,0100)	US	8	ALWAYS	AUTO
Bits Stored	(0028,0101)	US	8	ALWAYS	AUTO
High Bit	(0028,0102)	US	7	ALWAYS	AUTO
Pixel Representation	(0028,0103)	US	0	ALWAYS	AUTO
Stage Code Sequence	(0040,000A)	SQ		ANAP	AUTO
>Code Value	(0008,0100)	SH		ANAP	AUTO
>Coding Scheme Designator	(0008,0102)	SH		ANAP	AUTO
>Coding Scheme Version	(0008,0103)	SH		ANAP	AUTO
>Code Meaning	(0008,0104)	LO		ANAP	AUTO
View Code Sequence	(0054,0220)	SQ		ANAP	AUTO
>Code Value	(0008,0100)	SH		ANAP	AUTO
>Coding Scheme Designator	(0008,0102)	SH		ANAP	AUTO
>Coding Scheme Version	(0008,0103)	SH		ANAP	AUTO
>Code Meaning	(0008,0104)	LO		ANAP	AUTO
Pixel Data	(7FE0,0010)	ОВ		ALWAYS	AUTO

Table 8.1-22 SOP COMMON MODULE OF CREATED US MULTI-FRAME IMAGE SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Specific Character Set	(0008,0005)	CS	ISO_IR 100	ALWAYS	AUTO
SOP Class UID	(0008,0016)	UI	1.2.840.10008.5.1.4.1.1.3.1	ALWAYS	AUTO
SOP Instance UID	(0008,0018)	UI		ALWAYS	AUTO

8.1.1.10 Enhanced SR Modules

Table 8.1-23
SR DOCUMENT SERIES MODULE OF CREATED ENHANCED SR SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Modality	(0008,0060)	CS	SR	ALWAYS	AUTO
Referenced Study Component Sequence	(0008,1111)	SQ		VNAP	AUTO
Series Instance UID	(0020,000E)	UI		ALWAYS	AUTO
Series Number	(0020,0011)	IS		ALWAYS	AUTO

Table 8.1-24 SR DOCUMENT GENERAL MODULE OF CREATED ENHANCED SR SOP INSTANCES

SK DOCUMENT GENERAL MODULE OF CREATED ENHANCED SK SOF INSTANCES								
Attribute Name	Tag	VR	Value	Presence of Value	Source			
Content Date	(0008,0023)	DA		ALWAYS	AUTO			
Content Time	(0008,0033)	TM		ALWAYS	AUTO			
Instance Number	(0020,0013)	IS		ALWAYS	AUTO			
Referenced Request Sequence	(0040,A370)	SQ		VNAP	AUTO			
>Accession Number	(0008,0050)	SH		VNAP	MWL/ USER			
>Referenced Study Sequence	(0008,1110)	SQ		VNAP	MWL			
>Study Instance UID	(0020,000D)	UI		VNAP	MWL/ AUTO			
>Requested Procedure Description	(0032,1060)	LO	See Table 4.2-30 Notes	VNAP	MWL/ USER			
>Requested Procedure Code Sequence	(0032,1064)	SQ		VNAP	MWL			
>Requested Procedure ID	(0040,1001)	SH		VNAP	MWL/ USER			
>Placer Order Number/Imaging Service Request	(0040,2016)	LO		VNAP	MWL			
>Filler Order Number/Imaging Service Request	(0040,2017)	LO		VNAP	MWL			
Performed Procedure Code Sequence	(0040,A372)	SQ		ALWAYS	AUTO			
Current Requested Procedure Evidence Sequence	(0040,A375)	SQ		VNAP	AUTO			
>Referenced Series Sequence	(0008,1115)	SQ		VNAP	AUTO			
>>Referenced SOP Sequence	(0008,1199)	SQ		VNAP	AUTO			
>>>Referenced SOP Class UID	(0008,1150)	UI		VNAP	AUTO			

>>>Referenced SOP Instance UID	(0008,1155)	UI		VNAP	AUTO
>>Series Instance UID	(0020,000E)	UI		ALWAYS	AUTO
>Study Instance UID	(0020,000D)	UI		VNAP	MWL/ AUTO
Completion Flag	(0040,A491)	CS	COMPLETE	ALWAYS	AUTO
Verification Flag	(0040,A493)	CS	UNVERIFIED	ALWAYS	AUTO

Table 8.1-25
SR DOCUMENT CONTENT MODULE OF CREATED ENHANCED SR SOP INSTANCES FOR ECHOCARDIOGRAPHY PROCEDURE REPORT TEMPLATE

Attribute Name	Tag	VR	Value	Presence of Value	Source
Value Type	(0040,A040)	CS	CONTAINER	ALWAYS	AUTO
Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>Code Value	(0008,0100)	SH	125200	ALWAYS	AUTO
>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>Code Meaning	(0008,0104)	LO	Adult Echocardiography Procedure Report	ALWAYS	AUTO
Continuity of Content	(0040,A050)	cs	SEPARATE	ALWAYS	AUTO
Content Template Sequence	(0040,A504)	SQ		ALWAYS	AUTO
>Template Identifier	(0040,DB00)	cs	5200	ALWAYS	AUTO
>Mapping Resource	(0008,0105)	cs	DCMR	ALWAYS	AUTO
Content sequence	(0040,A730)	SQ		ALWAYS	AUTO
>Relationship Type	(0040,A010)	cs	HAS CONCEPT MOD	ALWAYS	AUTO
>Value Type	(0040,A040)	CS	CODE	ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121049	ALWAYS	AUTO
>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Language of Content Item and descendants	ALWAYS	AUTO
>Concept Code Sequence	(0040,A168)	SQ		ALWAYS	AUTO
>>Code value	(0008,0100)	SH	eng	ALWAYS	AUTO
>>Coding Scheme designator	(0008,0102)	SH	ISO0639-2	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	English	ALWAYS	AUTO
>Relationship Type	(0040,A010)	cs	HAS OBS CONTEXT	ALWAYS	AUTO
>Value Type	(0040,A040)	cs	CODE	ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>Code value	(0008,0100)	SH	121005	ALWAYS	AUTO
>>Coding Scheme designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Observer Type	ALWAYS	AUTO
>Concept Code Sequence	(0040,A168)	SQ		ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121007	ALWAYS	AUTO
>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Device	ALWAYS	AUTO
>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>Value Type	(0040,A040)	CS	CONTAINER	ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121118	ALWAYS	AUTO

>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Patient Characteristics	ALWAYS	AUTO
>Continuity of Content	(0040,A050)	CS	SEPARATE	ALWAYS	AUTO
>Content sequence	(0040,A730)	SQ		ALWAYS	AUTO
>>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	NUM	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	121033	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Subject Age	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH		ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH		ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO		ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>>Relationship Type	(0040,A010)	cs	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	cs	CODE	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	121032	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Subject Sex	ALWAYS	AUTO
>>Concept Code Sequence	(0040,A168)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH		ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH		ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO		ALWAYS	AUTO
>>Relationship Type	(0040,A010)	cs	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	cs	NUM	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	8867-4	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	LN	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Heart Rate. SR Document content Module may have multiple measurement results, at that case, the heart rate value is set for the last measurement.	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	"{H.B.}/min"	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	UCUM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Heart beat per minute	ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO

>>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	NUM	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	F-008EC	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Systolic Blood Pressure	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	mm[Hg]	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	UCUM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	"mmHg"	ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>>Relationship Type	(0040,A010)	cs	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	NUM	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	F-008ED	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Diastolic Blood Pressure	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	mm[Hg]	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	UCUM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	"mmHg"	ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>>Relationship Type	(0040,A010)	cs	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	cs	NUM	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	8277-6	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Body Surface Area	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	cm2	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	UCUM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	"Square centimeter"	ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>Value Type	(0040,A040)	CS	CONTAINER	ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	111028	ALWAYS	AUTO

>>Coding Scheme Designator	(0008,0102)	SH	DCM			ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Image Libra	ary		ALWAYS	AUTO
>Continuity of Content	(0040,A050)	cs	SEPARAT	E		ALWAYS	AUTO
>Content sequence	(0040,A730)	SQ				ALWAYS	AUTO
>>Referenced SOP Sequence	(0008,1199)	SQ				ALWAYS	AUTO
>>>Referenced SOP Class UID	(0008,1150)	UI				ALWAYS	AUTO
>>>Referenced SOP Instance UID	(0008,1155)	UI				ALWAYS	AUTO
>>Relationship Type	(0040,A010)	cs	CONTAINS	3		ALWAYS	AUTO
>>Value Type	(0040,A040)	cs	IMAGE			ALWAYS	AUTO
>Relationship Type	(0040,A010)	cs	CONTAINS	3		ALWAYS	AUTO
>Value Type	(0040,A040)	cs	CONATINE	ER		ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121070			ALWAYS	AUTO
>>Coding Scheme Designator	(0008,0102)	SH	DCM			ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Findings			ALWAYS	AUTO
>Continuity of Content	(0040,A050)	cs	SEPARAT	E		ALWAYS	AUTO
>Content sequence	(0040,A730)	SQ			ALWAYS	AUTO	
>>Relationship Type	(0040,A010)	cs	HAS CON	CEPT MC	ALWAYS	AUTO	
>>Value Type	(0040,A040)	cs	CODE		ALWAYS	AUTO	
>>Concept Name Code Sequence	(0040,A043)	SQ			ALWAYS	AUTO	
>>>Code Value	(0008,0100)	SH	G-C0E3		ALWAYS	AUTO	
>>>Coding Scheme Designator	(0008,0102)	SH	SRT		ALWAYS	AUTO	
>>>Code Meaning	(0008,0104)	LO	Finding Site	е		ALWAYS	AUTO
>>Concept Code Sequence	(0040,A168)	SQ				ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	CV	CSD	СМ	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	T-32600	SRT	Left Ventricle	ALWAYS	AUTO
>>>Code Meaning			T-32300	SRT	Left Atrium		
			T-32500	SRT	Right Ventricle		
			T-35400	SRT	Aortic Valve	_	
			T-35300	SRT	Mitral Valve		
			T-48581	SRT	Pulmonary Venous Structure		
	(0008,0104)	LO	T-35100	SRT	Tricuspid Valve	ALWAYS	AUTO
			T-35200	SRT	Pulmonic Valve		
			3270000	TSBus	Right Coronary Artery		
			3270001	TSBus	Left Anterior Descending Coronary Artery		
>>Relationship Type	(0040,A010)	cs	CONTAINS	 S		ALWAYS	AUTO

V 1 - T	(0040 4040)	00	CONITAINE	5		A L VA / A V / O	ALITO
>>Value Type	(0040,A040)	CS	CONTAINE	K		ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	125007			ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	DCM		ALWAYS	AUTO	
>>>Code Meaning	(0008,0104)	LO	Measureme		ALWAYS	AUTO	
>>Continuity of Content	(0040,A050)	CS	SEPARATE		ALWAYS	AUTO	
>>Content sequence	(0040,A730)	ALWAYS	AUTO				
>>>Relationship Type	(0040,A010)	ALWAYS	AUTO				
>>>Value Type	(0040,A040)	CS	ALWAYS	AUTO			
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	G-0373			ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT			ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Image Mode	9		ALWAYS	AUTO
>>>Concept Code Sequence	(0040,A168)	SQ		ı		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	CV	CSD	СМ	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	G-03A2	SRT	2D mode	ALWAYS	AUTO
			G-0394	SRT			
>>>Code Meaning	(0008,0104)	LO	03210001	TSBus	Doppler mode	ALWAYS	AUTO
>>>Relationship Type	(0040,A010)	CS	CONTAINS			ALWAYS	AUTO
>>>Value Type	(0040,A040)	CS	NUM			ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH				ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH				ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	"Measureme	ent name or	description"	ALWAYS	AUTO
>>>Measured Value Sequence	(0040,A300)	SQ				ALWAYS	AUTO
>>>>Measured Units Code Sequence	(0040,08EA)	SQ				ALWAYS	AUTO
>>>>Code value	(0008,0100)	SH				ALWAYS	AUTO
>>>>Coding Scheme designator	(0008,0102)	SH				ALWAYS	AUTO
>>>>Code Meaning	(0008,0104)	LO				ALWAYS	AUTO
>>>>Numeric Value	(0040,A30A)	DA				ALWAYS	AUTO
>>>Content sequence	(0040,A730)	SQ				ALWAYS	AUTO
>>>>Relationship Type	(0040,A010)	CS	HAS CONC	EPT MOD		ALWAYS	AUTO
>>>Value Type	(0040,A040)	cs	CODE			ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>>Code Value	(0008,0100)	SH	G-C036			ALWAYS	AUTO
>>>>Coding Scheme Designator	(0008,0102)	SH	SRT			ALWAYS	AUTO
>>>>Code Meaning	(0008,0104)	LO	Measureme	nt Method		ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO

>>>>Code Value	(0008,0100)	SH	CV	CSD	СМ	ALWAYS	AUTO
>>>>Coding Scheme Designator	(0008,0102)	SH	125204	DCM	Area-Length Biplane	ALWAYS	AUTO
			125205	DCM	Area-Length Single Plane		
			125206	DCM	Cube Method		
			125207	DCM	Method of Disks, Biplane		
			125208	DCM	Method of Disks, Single Plane		
			125209	DCM	Teichholz		
			125210	DCM	Area by Pressure Half-Time		
>>>>Code Meaning	(0008,0104)	LO	125215	DCM	Continuity Equation by Velocity Time Integral	ALWAYS	AUTO
· ·			125216	DCM	Proximal Isovelocity Surface Area		
			125218	DCM	Simplified Bernoulli		
			125221	DCM	Left Ventricle Mass by M-mode		
			125222	DCM	Left Ventricle Mass by Truncated Ellipse		
			03500000	TSBus	Bullet Method		
			0317000A	TSBus	Gibson Method		
>>>Content sequence	(0040,A730)	SQ				ALWAYS	AUTO
>>>Relationship Type	(0040,A010)	CS	HAS CONC	EPT MOD)	ALWAYS	AUTO
>>>Value Type	(0040,A040)	CS	CODE			ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>>Code Value	(0008,0100)	SH	R-4089A			ALWAYS	AUTO
>>>>Coding Scheme Designator	(0008,0102)	SH	SRT			ALWAYS	AUTO
>>>>Code Meaning	(0008,0104)	LO	Cardiac Cyc	le Point		ALWAYS	AUTO
>>>Concept Code Sequence	(0040,A168)	SQ				ALWAYS	AUTO

	(
>>>>Code value	(0008,0100)	SH	CV	CSD	CM	ALWAYS	AUTO
>>>>Coding Scheme designator	(0008,0102)	SH	F-32010	SRT	Diastole	ALWAYS	AUTO
>>>>Code Meaning			F-32011	SRT	End Diastole		
	(0008,0104)	LO	F-32020	SRT	Systole	ALWAYS	AUTO
			109070	DCM	End Systole		
>>>>Relationship Type	(0040,A010)	CS	ACQ CONT	EXT		ALWAYS	AUTO
>>>Value Type	(0040,A040)	cs	CODE			ALWAYS	AUTO
>>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>>Code Value	(0008,0100)	SH	111031			ALWAYS	AUTO
>>>>Coding Scheme Designator	(0008,0102)	SH	DCM			ALWAYS	AUTO
>>>>Code Meaning	(0008,0104)	LO	Image view			ALWAYS	AUTO
>>>Concept Code Sequence	(0040,A168)	SQ				ALWAYS	AUTO
>>>>Code value	(0008,0100)	SH	CV	CSD	СМ	ALWAYS	AUTO
>>>>Coding Scheme designator	(0008,0102)	SH	G-A19B	SRT	Apical two	ALWAYS	AUTO
>>>>Code Meaning	(0008,0104)	LO	G-A19C	SRT	chamber Apical four chamber	ALWAYS	AUTO

Following Figure 8.1-1 shows same meanings as Table 8.1-25 SR Document content module as more graphical and structural.

TID 5200 - Echocardiography Procedure Report

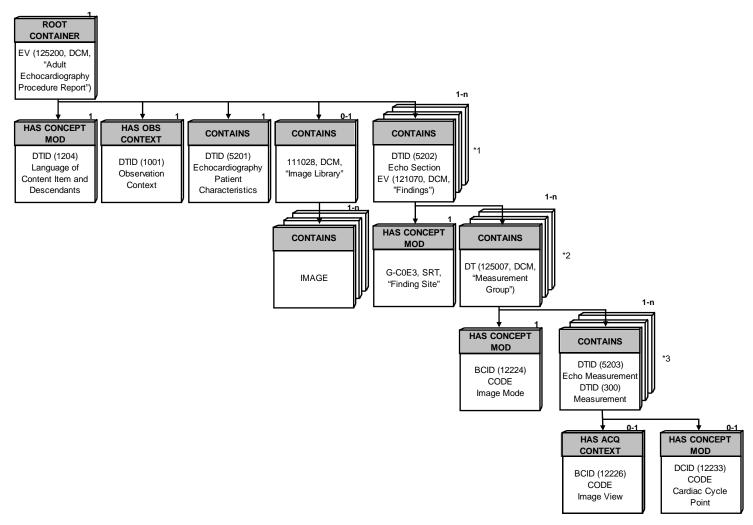


Figure 8.1-1 TID 5200 – Echocardiography Procedure Report

^{*1} DTID (5202) Echo Section may be multiple depending on findings for instance Left Ventricle, Right Ventricle, Left Atrium, and so on.

^{*2} DT (125007, DCM, "Measurement Group") may be multiple depending on Toshiba Measurements Table 8.1-26 to 46.

^{*3} DTID (5203) Echo Measurement may be multiple depending on the number of measurement items.

Each "Label" means a unique identifier of measurement result on the Toshiba Ultrasound System.

Some measurements may overlap a "Label". It means "Label" is unique within a measurement.

Table 8.1-26 to 46 shows the relationship between Toshiba unique identifiers "Label" and DICOM tags structures.

Table 8.1-26 Cardiac 2D-Mode LV measurement (MOD Simpson method)

Title Titl	CSD SRT SRT SRT DCM DCM	Cardia	ho Measurement ac Phase CM End Diastole End Diastole	CSD DCM DCM	CV	DTID (300) Measurement Measurement Method
Light Ligh	SRT SRT SRT DCM DCM	Cardia	CM End Diastole	DCM	CV	
LVAd2	SRT SRT DCM DCM	F-32011 F-32011	End Diastole	DCM		
IV.1d2	DCM DCM	F-32011 109070				CM
EDV2	DCM DCM	109070	End Diastole	DCM	125208	Method of Disks, Single Plane
EVAs2	DCM				125208	Method of Disks, Single Plane
LVLS2 LN 18076-0 Left Ventricle systolic major axis SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19B Apical two chamber LSV2 LIN 18148-7 Left Ventricular End Systolic Volume SRT T-32600 Left Ventricle SRT G-30342 2D mode SRT G-A19B Apical two chamber LVAd4 SRT G-0375 Left Ventricle Disastolic Area SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVLd4 LN 18077-8 Left Ventricle disastolic major axis SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVA4 LN 18026-5 Left Ventricle area SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVA54 SRT G-0374 Left Ventricle area SRT T-32600 Left Ventricle SRT	DCM			DCM	125208	Method of Disks, Single Plane
ESV2		100070	End Systole	DCM	125208	Method of Disks, Single Plane
LVAd4 SRT G-0375 Left Ventricular Diastolic Area SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-419C Apical four chamber LVLd4 LN 18077-8 Left Ventricle diastolic major axis SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-419C Apical four chamber EDV4 LN 18026-5 Left Ventricle in End Diastolic Volume SRT T-32600 Left Ventricle SRT G-403A2 2D mode SRT G-A19C Apical four chamber LVLs4 SRT G-0374 Left Ventricle systolic Apical four chamber Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVLs4 LN 18076-0 Left Ventricle systolic major axis SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVLs4 LN 18148-7 Left Ventriclar End Systolic Volume SRT T-32600 Left Ventricle SRT	SPT	103070	End Systole	DCM	125208	Method of Disks, Single Plane
LVLd4 LN 18077-8 Left Ventricle diastolic major axis SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber EDV4 LN 18026-5 Left Ventricular End Diastolic Volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVAs4 SRT G-0374 Left Ventricle systolic Area SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVLs4 LN 18076-0 Left Ventricle systolic major axis SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber ESV4 LN 18148-7 Left Ventricular End Systolic Volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LN 8 1 1 1 1 1 1 1 1	SPT			DCM	125208	Method of Disks, Single Plane
EDV4		F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LVAs.4 SRT G-0374 Left Ventricular systolic Area SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LVLs4 LN 18076-0 Left Ventricle systolic major axis SRT 7-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber ESV4 LN 18148-7 Left Ventricular End Systolic Volume SRT 7-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber LAa4 TSBus 03010002 Left Atrium Area SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LVLS4 LN 18076-0 Left Ventricle systolic major axis SRT T-32600 Left Ventricle SRT G-33A2 2D mode SRT G-419C Aplical four chamber ESV4 LN 18148-7 Left Ventricle SRT 3-3200 Left Ventricle SRT G-03A2 2D mode SRT G-419C Aplical four chamber LB4 TSBus 03010002 Left Afrium Area SRT T-32900 Left Afrium SRT G-03A2 2D mode SRT G-A19C Aplical four chamber				DCM	125208	Method of Disks, Single Plane
ESV4 LN 18148-7 Left Ventricular End Systolic Volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-419C Apical four chamber LAa4 TSBus 03010002 Left Atrium Area SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-419C Apical four chamber	DCM		End Systole	DCM	125208	Method of Disks, Single Plane
LA4 TSBus 03010002 Left Atrium Area SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19C Apical four chamber	DCM	109070	End Systole	DCM	125208	Method of Disks, Single Plane
				DCM	125208	Method of Disks, Single Plane
	SRT		End Diastole	DCM	125208	Method of Disks, Single Plane
LAd4 TSBus 03010003 Left Atrium major axis SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LAV4 TSBus 03010004 Left Atrium Volume SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LA2 TSBus 03010002 Left Atrium Area SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LAd2 TSBus 03010003 Left Atrium major axis SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LAV2 TSBus 03010004 Left Atrium Volume SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LA W TSBus 03010005 Left Atrirum Width SRT T-32300 Left Atrirum SRT G-03A2 2D mode	SRT	F-32011	End Diastole			
LA H TSBus 03010006 Left Atrirum Height SRT T-32300 Left Atrirum SRT G-03A2 2D mode	SRT	F-32011	End Diastole			
LA D TSBus 03010007 Left Atrirum Depth SRT T-32300 Left Atrium SRT G-03A2 2D mode	SRT	F-32011	End Diastole			
HR LN 8867-4 Heart rate SRT T-32600 Left Ventricle SRT G-03A2 2D mode						
EDV LN 18026-5 Left Ventricular End Diastolic Volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode				DCM	125207	Method of Disks, Biplane
ESV LN 18148-7 Left Ventricular End Systolic Volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode				DCM	125207	Method of Disks, Biplane
SV SRT F-32120 Stroke volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode	SRT	F-32020	Systole	DCM	125207	Method of Disks, Biplane
CO SRT F-32100	SRT	F-32020	Systole	DCM	125207	Method of Disks, Biplane
EF LN 18043-0 Left Ventricular Ejection Fraction SRT T-32600 Left Ventricle SRT G-03A2 2D mode				DCM	125207	Method of Disks, Biplane
SI	SRT	F-32020	Systole	DCM	125207	Method of Disks, Biplane
CI SRT F-32110 Cardiac Index SRT T-32600 Left Ventricle SRT G-03A2 2D mode	SRT	F-32020	Systole	DCM	125207	Method of Disks, Biplane
SV4 SRT F-32120 Stroke volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
CO4 SRT F-32100 Cardiac Output SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
EF4 LN 18043-0 Left Ventricular Ejection Fraction SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber				DCM	125208	Method of Disks, Single Plane
SI4 SRT F-00078 Stroke Index SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
CI4 SRT F-32110 Cardiac Index SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
SV2 SRT F-32120 Stroke volume SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
CO2 SRT F-32100 Cardiac Output SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
EF2 LN 18043-0 Left Ventricular Ejection Fraction SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19B Apical two chamber				DCM	125208	Method of Disks, Single Plane
SI2 SRT F-00078 Stroke Index SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
CI2 SRT F-32110 Cardiac Index SRT T-32600 Left Ventricle SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32020	Systole	DCM	125208	Method of Disks, Single Plane
LVLd Diff TSBus 03010000 LV_Ldiff_d_BPMOD SRT T-32600 Left Ventricle SRT G-03A2 2D mode	SRT	F-32011	End Diastole			
LVLs Diff TSBus 03010001 LV_Ldiff_s_BPMOD SRT T-32600 Left Ventricle SRT G-03A2 2D mode	DCM	109070	End Systole			
LAV TSBus 0301000B Left Atrium Volume Biplane Method of Disks. SRT T-32300 Left Atrium SRT G-03A2 2D mode	SRT	F-32011	End Diastole	DCM	125207	Method of Disks, Biplane
LAVI TSBus 0301000C Left Atrium Volume Index SRT T-32300 Left Atrium SRT G-03A2 2D mode	SRT	F-32011	End Diastole			1
LAVI2 TSBus 0301000C Left Atrium Volume Index SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19B Apical two chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LAVI4 TSBus 0301000C Left Atrium Volume Index SRT T-32300 Left Atrium SRT G-03A2 2D mode SRT G-A19C Apical four chamber	SRT	F-32011	End Diastole	DCM	125208	Method of Disks, Single Plane
LA_Vol TSBus 0301000F Left Atrium Volume 3 axis method SRT T-32300 Left Atrium SRT G-03A2 2D mode	SRT	= 00011	End Diastole	1		1
LA_VI TSBus 0301000A Left Atrium Volume Index 3 axis method SRT T-32300 Left Atrium SRT G-03A2 2D mode	SINI	F-32011				

Table 8.1-27 Cardiac 2D-Mode LV measurement (Teichholz method)

			-			- Cardido II III de			epresentations		<u> </u>							
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		0 (5202) Ech 203) Echo M Image M	leasurement	-) Echo Measurement Image View	TID	(5203) Echo Cardia	Measurement Phase			OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		CM	CSD	CV	CM	CSD	CV	CM	CSD		CM	CSD	CV	CM
RVD	LN		Right Ventricular Internal Diastolic Dimension	SRT		Right Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	DCM	125209	Teichholz
IVSTd	LN	18154-5	Interventricular Septum Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	DCM	125209	Teichholz
LVIDd	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT		2D mode							DCM		Teichholz
LVPWTd	LN	18152-9	Left Ventricle Posterior Wall Diastolic Thickness	SRT	T-32600		SRT	G-03A2	2D mode				SRT		End Diastole	DCM		Teichholz
IVSTs	LN	18158-6	Interventricular Septum Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM		End Systole	DCM	125209	Teichholz
LVIDs	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM		End Systole	DCM		Teichholz
LVPWTs	LN	18156-0	Left Ventricle Posterior Wall Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	DCM		Teichholz
HR	LN	8867-4	Heart rate	SRT	T-32600		SRT	G-03A2	2D mode							DCM	125209	Teichholz
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125209	Teichholz
ESV	LN	18148-7	Left Ventricular End Systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125209	Teichholz
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125209	Teichholz
CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125209	Teichholz
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125209	Teichholz
FS	LN	18051-3	Left Ventricular Fractional Shortening	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode									
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125209	Teichholz
	SRT		Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT			DCM		Teichholz
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030002	Mass ASECube with Teichholz
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030003	Mass PennCube with Teichholz
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030004	Mass Teichholz with Teichholz
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus		Mass AVCube with Teichholz
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030002	Mass ASECube with Teichholz
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030003	Mass PennCube with Teichholz
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030004	Mass Teichholz with Teichholz
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030005	Mass AVCube with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030002	Mass ASECube with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030003	Mass PennCube with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT		End Diastole	TSBus	03030004	Mass Teichholz with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus		Mass AVCube with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode			İ	DCM	109070	End Systole	TSBus	03030002	Mass ASECube with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030003	Mass PennCube with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030004	Mass Teichholz with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030005	Mass AVCube with Teichholz

Table 8.1-28 Cardiac 2D-Mode LV measurement (Cube method)

						1 20 Gardiao 25 ilio			epresentation									
									•	15								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		0 (5202) Ech 203) Echo M Image M	Measurement	•) Echo Measurement mage View	TID	(5203) Eche Cardia	Measurement Phase		ı	OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		CM	CSD	CV	CM	CSD	CV	CM	CSD		CM	CSD	CV	CM
RVD	LN	20304-2	Right Ventricular Internal Diastolic Dimension	SRT	T-32500	Right Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	DCM	125206	Cube Method
IVSTd	LN	18154-5	Interventricular Septum Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	DCM	125206	Cube Method
LVIDd	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125206	Cube Method
LVPWTd	LN	18152-9	Left Ventricle Posterior Wall Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT		End Diastole	DCM		Cube Method
IVSTs	LN	18158-6	Interventricular Septum Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode						End Systole	DCM	125206	Cube Method
LVIDs	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	DCM	125206	Cube Method
LVPWTs	LN	18156-0	Left Ventricle Posterior Wall Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	DCM	125206	Cube Method
HR	LN	8867-4	Heart rate	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125206	Cube Method
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125206	Cube Method
ESV	LN	18148-7	Left Ventricular End Systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125206	Cube Method
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125206	Cube Method
CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125206	Cube Method
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125206	Cube Method
FS	LN	18051-3	Left Ventricular Fractional Shortening	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode									
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125206	Cube Method
CI	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125206	Cube Method
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030006	Mass ASECube with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030007	Mass PennCube with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030008	Mass Teichholz with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030009	Mass AVCube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030006	Mass ASECube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030007	Mass PennCube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030008	Mass Teichholz with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03030009	Mass AVCube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode			İ	SRT	F-32011	End Diastole	TSBus	03030006	Mass ASECube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03030007	Mass PennCube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode			İ	SRT	F-32011	End Diastole	TSBus	03030008	Mass Teichholz with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode			İ	SRT	F-32011	End Diastole	TSBus	03030009	Mass AVCube with Cube
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode			ĺ	DCM		End Systole	TSBus	03030006	Mass ASECube with Cube
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode			İ	DCM	109070	End Systole	TSBus	03030007	Mass PennCube with Cube
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area		T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM		End Systole	TSBus		Mass Teichholz with Cube
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area		T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM		End Systole	TSBus	03030009	Mass AVCube with Cube

Table 8.1-29 Cardiac 2D-Mode LV measurement (Gibson method)

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							D	ICOM SR R	epresentation	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		(5202) Ech 203) Echo I Image I	Measurement) Echo Measurement mage View	TID		o Measurement c Phase		ı	OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
RVD	LN	20304-2	Right Ventricular Internal Diastolic Dimension	SRT		Right Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0317000A	Gibson Method
IVSTd	LN	18154-5	Interventricular Septum Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0317000A	Gibson Method
LVIDd	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	0317000A	Gibson Method
LVPWTd	LN	18152-9	Left Ventricle Posterior Wall Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0317000A	Gibson Method
IVSTs	LN	18158-6	Interventricular Septum Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0317000A	Gibson Method
LVIDs	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0317000A	Gibson Method
LVPWTs	LN	18156-0	Left Ventricle Posterior Wall Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0317000A	Gibson Method
HR	LN	8867-4	Heart rate	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	0317000A	Gibson Method
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	0317000A	Gibson Method
ESV	LN	18148-7	Left Ventricular End Systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	0317000A	Gibson Method
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	0317000A	Gibson Method
FS	LN	18051-3	Left Ventricular Fractional Shortening	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode									
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
CI	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000A	Mass ASECube with Gibson
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000B	Mass PennCube with Gibson
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000C	Mass Teichholz with Gibson
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000D	Mass AVCube with Gibson
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0303000A	Mass ASECube with Gibson
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0303000B	Mass PennCube with Gibson
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0303000C	Mass Teichholz with Gibson
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0303000D	Mass AVCube with Gibson
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000A	Mass ASECube with Gibson
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000B	Mass PennCube with Gibson
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000C	Mass Teichholz with Gibson
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	0303000D	Mass AVCube with Gibson
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0303000A	Mass ASECube with Gibson
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0303000B	Mass PennCube with Gibson
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	0303000C	Mass Teichholz with Gibson
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode			İ	DCM	109070	End Systole	TSBus	0303000D	Mass AVCube with Gibson

Table 8.1-30 Cardiac 2D-Mode LV measurement (Single plane method)

									Representation	s		•						
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site			no Section Measurement Mode	1) Echo Measurement Image View	TID		o Measurement c Phase			DTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
LVALd	SRT	G-0375	Left Ventricular Diastolic Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	DCM	125205	Area-Length Single Plane
LVALs	SRT	G-0374	Left Ventricular Systolic Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	DCM	125205	Area-Length Single Plane
LVLd	LN	18077-8	Left Ventricle diastolic major axis	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	DCM	125205	Area-Length Single Plane
LVLS	LN	18076-0	Left Ventricle systolic major axis	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	DCM	125205	Area-Length Single Plane
HR	LN	8867-4	Heart Rate	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125205	Area-Length Single Plane
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125205	Area-Length Single Plane
ESV	LN	18148-7	Left Ventricular End systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125205	Area-Length Single Plane
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125205	Area-Length Single Plane
CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125205	Area-Length Single Plane
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125205	Area-Length Single Plane
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125205	Area-Length Single Plane
CI	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125205	Area-Length Single Plane

Table 8.1-31 Cardiac 2D-Mode LV measurement (Biplane method)

							D	ICOM SR R	epresentation	s	-						-	
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		(5202) Ech 203) Echo M Image M	Measurement) Echo Measurement Image View	TID		o Measurement c Phase			DTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
VALd	LN	G-0375	Left Ventricular Diastolic Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode	SRT	G-0395	Apical long axis *1	SRT	F-32011	End Diastole	DCM	125204	Area-Length Biplane
VAMd	LN	G-0375	Left Ventricular Diastolic Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode	SRT	G-039A	Parasternal short axis *2	SRT	F-32011	End Diastole	DCM	125204	Area-Length Biplane
VIDd	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125204	Area-Length Biplane
/ALs	SRT	G-0374	Left Ventricular Systolic Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode	SRT	G-0395	Apical long axis *1	DCM	109070	End Systole	DCM	125204	Area-Length Biplane
/AMs	SRT	G-0374	Left Ventricular Systolic Area	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode	SRT	G-039A	Parasternal short axis *2	DCM	109070	End Systole	DCM	125204	Area-Length Biplane
/IDs	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	DCM	125204	Area-Length Biplane
R	LN	8867-4	Heart rate	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125204	Area-Length Biplane
DV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125204	Area-Length Biplane
SV	LN	18148-7	Left Ventricular End Systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125204	Area-Length Biplane
/	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125204	Area-Length Biplane
0	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125204	Area-Length Biplane
F	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							DCM	125204	Area-Length Biplane
	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125204	Area-Length Biplane
	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	DCM	125204	Area-Length Biplane

^{*1, *2:} Please contact Toshiba service in your region, if you require this SR Modifier.

Table 8.1-32 Cardiac 2D-Mode LV measurement (Bullet method)

						1 OZ Garaiao ZD Mio	<u> </u>	- •	ouou. o		<u>., (5</u>	anot motrioa						
							D	ICOM SR R	epresentation	ıs								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site			o Section Measurement Mode	1) Echo Measurement Image View	TID		o Measurement c Phase			OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
LVAMd	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	03500000	Bullet Method
LVLd	LN	18077-8	Left Ventricle diastolic major axis	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole	TSBus	03500000	Bullet Method
LVAMs	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03500000	Bullet Method
LVLs	LN	18076-0	Left Ventricle systolic major axis	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				DCM	109070	End Systole	TSBus	03500000	Bullet Method
HR	LN	8867-4	Heart Rate	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	03500000	Bullet Method
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	03500000	Bullet Method
ESV	LN	18148-7	Left Ventricular End systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	03500000	Bullet Method
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	TSBus	03500000	Bullet Method
CO			Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020				Bullet Method
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode							TSBus	03500000	Bullet Method
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	TSBus	03500000	Bullet Method
CI	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-03A2	2D mode				SRT	F-32020	Systole	TSBus	03500000	Bullet Method

Table 8.1-33 Cardiac M-Mode Aortic valve measurement

							D	ICOM SR R	epresentations	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		0 (5202) Ech 203) Echo M Image M	Measurement	1		Echo Measurement mage View	TID		o Measurement c Phase			OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
Ao Diam	LN	18015-8	Aortic Root Diameter	SRT	T-35400	Aortic Valve							DCM	109070	End Systole			
LA Diam	TSBus	030D0001	Left atrial diameter	SRT	T-35400	Aortic Valve							SRT	F-32011	End Diastole			
ET	LN	18041-4	Aortic Valve Ejection Time	SRT	T-35400	Aortic Valve	SRT	G-0394	M mode				SRT	F-32020	Systole			
AoV Diam	LN	17996-0	Aortic Valve Cusp Separation	SRT	T-35400	Aortic Valve	SRT	G-0394	M mode				DCM	109070	End Systole			
LA/Ao	LN	17985-3	Left Atrium to Aortic Root Ratio	SRT	T-35400	Aortic Valve	SRT	G-0394	M mode									

Table 8.1-34 Cardiac M-Mode Mitral valve measurement

							D	COM SR R	epresentation	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site			o Section Measurement Mode			Echo Measurement mage View	TID	(5203) Eche Cardia	o Measurement c Phase			OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
EPSS	LN	18036-4	Mitral Valve EPSS, E wave	SRT	T-35300	Mitral Valve	SRT	G-0394	M mode									
EF Slope	LN	18040-6	Mitral Valve E-F Slope by M-Mode	SRT	T-35300	Mitral Valve	SRT	G-0394	M mode									
CE Amp	TSBus	030F0002	E-wave amplitude	SRT	T-35300	Mitral Valve	SRT	G-0394	M mode									
CA Amp	TSBus	030F0003	A-wave amplitude	SRT	T-35300	Mitral Valve	SRT	G-0394	M mode									
DE Amp	TSBus	030F0001	DE-wave amplitude	SRT	T-35300	Mitral Valve	SRT	G-0394	M mode									
DE Slope	TSBus	030F0000	Mitral valve opening rate	SRT	T-35300	Mitral Valve	SRT	G-0394	M mode									
CA/CE	LN	18038-0	Mitral Valve E to A Ratio	SRT	T-35300	Mitral Valve	SRT	G-0394	M mode									

Table 8.1-35 Cardiac M-Mode LV measurement (Teichholz method)

	Table 6.1-35 Caldiac M-Mode LV measurement (Telcimoiz method)																	
							D	ICOM SR R	epresentations									
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site	TID (5	0 (5202) Ech 203) Echo N Image N	Measurement		ì) Echo Measurement Image View			Measurement Phase		l	OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	СМ
	LN	20304-2	Right Ventricular Internal Diastolic Dimension	SRT			SRT	G-0394	M mode				SRT	F-32011	End Diastole	DCM	125209	Teichholz
IVSTd	LN	18154-5	Interventricular Septum Diastolic Thickness	SRT			SRT	G-0394	M mode				SRT	F-32011	End Diastole	DCM	125209	Teichholz
	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125209	Teichholz
	LN	18152-9	Left Ventricle Posterior Wall Diastolic Thickness	SRT	T-32600		SRT	G-0394	M mode						End Diastole	DCM	125209	Teichholz
	LN	18158-6	Interventricular Septum Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	DCM	125209	Teichholz
	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	DCM	125209	Teichholz
LVPWTs	LN	18156-0	Left Ventricle Posterior Wall Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	DCM	125209	Teichholz
ET	DCM	122211	Left Ventricular ejection time	SRT	T-32600		SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125209	Teichholz
HR	LN	8867-4	Heart rate	SRT	T-32600		SRT	G-0394	M mode							DCM	125209	Teichholz
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125209	Teichholz
ESV	LN	18148-7	Left Ventricular End Systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125209	Teichholz
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125209	Teichholz
CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125209	Teichholz
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125209	Teichholz
FS	LN	18051-3	Left Ventricular Fractional Shortening	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode									
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125209	Teichholz
	SRT	F-32110	Cardiac Index	SRT	T-32600		SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125209	Teichholz
MVCF	TSBus	031B0000	M_LV_MVCFS	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode									
	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030002	Mass ASECube with Teichholz
	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030003	Mass PennCube with Teichholz
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030004	Mass Teichholz with Teichholz
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030005	Mass AVCube with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus		Mass ASECube with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030003	Mass PennCube with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600		SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus		Mass Teichholz with Teichholz
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus		Mass AVCube with Teichholz
	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus		Mass ASECube with Teichholz
	LN	18087-7	Left Ventricle Mass	SRT	T-32600		SRT	G-0394	M mode				DCM	109070	End Systole	TSBus		Mass PennCube with Teichholz
	LN	18087-7	Left Ventricle Mass	SRT	T-32600		SRT	G-0394	M mode				DCM		End Systole	TSBus		Mass Teichholz with Teichholz
	LN	18087-7	Left Ventricle Mass	SRT	T-32600		SRT	G-0394	M mode				DCM		End Systole	TSBus		Mass AVCube with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600		SRT	G-0394	M mode				DCM	109070	End Systole	TSBus		Mass ASECube with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus	03030003	Mass PennCube with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus	03030004	Mass Teichholz with Teichholz
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus	03030005	Mass AVCube with Teichholz

Table 8.1-36 Cardiac M-Mode LV measurement (Cube method)

				- 1 41	J1C 0	. 1-30 Cardiac IVI-IVI					(5	abe incline						
								ICOM SR R	epresentations	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		0 (5202) Ech 203) Echo I Image I	Measurement) Echo Measurement Image View	TIC		o Measurement c Phase		ı	OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		CM	CSD	CV	CM	CSD	CV	CM	CSD		CM	CSD	CV	CM
RVD	LN	20304-2	Right Ventricular Internal Diastolic Dimension	SRT		Right Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	DCM	125206	Cube Method
IVSTd	LN	18154-5	Interventricular Septum Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	DCM	125206	Cube Method
LVIDd	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125206	Cube Method
	LN	18152-9	Left Ventricle Posterior Wall Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT		End Diastole	DCM	125206	Cube Method
IVSTs	LN	18158-6	Interventricular Septum Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	DCM	125206	Cube Method
LVIDs	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	DCM	125206	Cube Method
LVPWTs	LN	18156-0	Left Ventricle Posterior Wall Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	DCM	125206	Cube Method
ET	DCM	122211	Left Ventricular ejection time	SRT		Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125206	Cube Method
HR	LN	8867-4	Heart rate	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125206	Cube Method
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125206	Cube Method
ESV	LN	18148-7	Left Ventricular End Systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125206	Cube Method
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125206	Cube Method
CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125206	Cube Method
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							DCM	125206	Cube Method
FS	LN	18051-3	Left Ventricular Fractional Shortening	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode									
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125206	Cube Method
CI	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	DCM	125206	Cube Method
MVCF	TSBus	031B0000	M_LV_MVCFS	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode									
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030006	Mass ASECube with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030007	Mass PennCube with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030008	Mass Teichholz with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030009	Mass AVCube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030006	Mass ASECube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030007	Mass PennCube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030008	Mass Teichholz with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030009	Mass AVCube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	TSBus	03030006	Mass ASECube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus	03030007	Mass PennCube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus	03030008	Mass Teichholz with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	TSBus	03030009	Mass AVCube with Cube
	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus	03030006	Mass ASECube with Cube
LV MASSs Index	TSBus		Left Ventricular Mass divided by Body Surface Area			Left Ventricle	SRT	G-0394	M mode					109070	End Systole	TSBus		Mass PennCube with Cube
LV MASSs Index	TSBus		Left Ventricular Mass divided by Body Surface Area			Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus		Mass Teichholz with Cube
	TSBus		Left Ventricular Mass divided by Body Surface Area			Left Ventricle	SRT	G-0394	M mode	t				109070	End Systole	TSBus		Mass AVCube with Cube

Table 8.1-37 Cardiac M-Mode LV measurement (Gibson method)

						1-37 Gardiac IVI-IVIOC	_				Α		_					
							D	ICOM SR R	epresentations	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site	TID (5	Ímage I	Measurement		i) Echo Measurement mage View		Cardia	o Measurement c Phase		-	OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		СМ	CSD	CV	CM	CSD	CV	CM	CSD		CM	CSD	CV	CM
RVD	LN	20304-2	Right Ventricular Internal Diastolic Dimension	SRT	T-32500	Right Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	0317000A	Gibson Method
IVSTd	LN	18154-5	Interventricular Septum Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	0317000A	Gibson Method
LVIDd	LN	29436-3	Left Ventricle Internal End Diastolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							TSBus		Gibson Method
LVPWTd	LN	18152-9	Left Ventricle Posterior Wall Diastolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT			TSBus		Gibson Method
IVSTs	LN	18158-6	Interventricular Septum Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	TSBus		Gibson Method
LVIDs	LN	29438-9	Left Ventricle Internal Systolic Dimension	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	TSBus	0317000A	Gibson Method
LVPWTs	LN	18156-0	Left Ventricle Posterior Wall Systolic Thickness	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				DCM	109070	End Systole	TSBus	0317000A	Gibson Method
ET	DCM	122211	Left Ventricular ejection time	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
HR	LN	8867-4	Heart rate	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							TSBus	0317000A	Gibson Method
EDV	LN	18026-5	Left Ventricular End Diastolic Volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							TSBus	0317000A	Gibson Method
ESV	LN	18148-7	Left Ventricular End Systolic Volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							TSBus	0317000A	Gibson Method
SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
EF	LN	18043-0	Left Ventricular Ejection Fraction	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode							TSBus	0317000A	Gibson Method
FS	LN	18051-3	Left Ventricular Fractional Shortening	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode									
SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
CI	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	SRT	F-32020	Systole	TSBus	0317000A	Gibson Method
MVCF	TSBus	031B0000	M_LV_MVCFS	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode									
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030006	Mass ASECube with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030007	Mass PennCube with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	SRT	F-32011	End Diastole	TSBus	03030008	Mass Teichholz with Cube
LV MASSd	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030009	Mass AVCube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode				SRT	F-32011	End Diastole	TSBus	03030006	Mass ASECube with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	SRT	F-32011	End Diastole	TSBus	03030007	Mass PennCube with Cube
	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			i	SRT	F-32011	End Diastole	TSBus		Mass Teichholz with Cube
LV MASSd Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	SRT	F-32011	End Diastole	TSBus	03030009	Mass AVCube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	DCM	109070	End Systole	TSBus	03030006	Mass ASECube with Cube
	LN		Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	DCM		End Systole	TSBus		Mass PennCube with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			i	DCM	109070	End Systole	TSBus	03030008	Mass Teichholz with Cube
LV MASSs	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	DCM	109070	End Systole	TSBus	03030009	Mass AVCube with Cube
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode			İ	DCM	109070	End Systole	TSBus	03030006	Mass ASECube with Cube
LV MASSs Index	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle	SRT	G-0394	M mode	1		i	DCM		End Systole	TSBus	03030007	Mass PennCube with Cube
	TSBus		Left Ventricular Mass divided by Body Surface Area		T-32600	Left Ventricle	SRT	G-0394	M mode				DCM		End Systole	TSBus		Mass Teichholz with Cube
LV MASSs Index	TSBus		Left Ventricular Mass divided by Body Surface Area			Left Ventricle	SRT	G-0394	M mode	1			DCM		End Systole	TSBus		Mass AVCube with Cube

Table 8.1-38 Cardiac Doppler-Mode Aortic Valve measurement

						1-38 Cardiac Do			epresentation:									
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		Ímage I	l easurement	-) Echo Measurement Image View	TID		no Measurement ac Phase			DTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		СМ	CSD	CV	CM	CSD	CV	CM	CSD		CM	CSD	CV	CM
NoV VTI	LN	20354-7	Velocity Time Integral	SRT		Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
NoV VM	LN	20352-1	Mean Velocity	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
NoV VP	LN	11726-7	Peak Velocity	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
loV MPG	DCM	122197	Gradient pressure, average	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125218	Simplified Bernoulli
NoV PPG	DCM	122198	Gradient Pressure, Peak	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125218	Simplified Bernoulli
LVOT VTI	LN	20354-7	Velocity Time Integral	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
.VOT VM	LN	20352-1	Mean Velocity	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
VOT VP	LN	11726-7	Peak Velocity	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
.VOT MPG	DCM	122197	Gradient pressure, average	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125218	Simplified Bernoulli
VOT PPG	DCM	122198	Gradient Pressure, Peak	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125218	Simplified Bernoulli
VOT Diam	SRT	G-038F	Cardiovascular Orifice Diameter	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				DCM	109070	End Systole			
\cT	LN	20168-1	Accelaration Time	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode									
T	LN	18041-4	Aortic Valve Ejection Time	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
NoV Vel	LN	11653-3	End Diastolic Velocity	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode									
NoV PG	LN	20247-3	Peak Gradient	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125218	Simplified Bernoulli
VOT Vel	LN	11653-3	End Diastolic Velocity	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode									
VOT PG	LN	20247-3	Peak Gradient	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT		Systole	DCM	125218	Simplified Bernoulli
AR VM	LN	20352-1	Mean Velocity	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
AR VP	LN	11726-7	Peak Velocity	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
AR MPG	DCM	122197	Gradient pressure, average	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole	DCM	125218	Simplified Bernoulli
AR PPG	DCM	122198	Gradient Pressure, Peak	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole	DCM	125218	Simplified Bernoulli
AR Vmax	TSBus	03070006	AR Vmax	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
AR Ved	TSBus	03070007	AR Ved	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
lime	LN	20217-6	Deceleration Time	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
DecelRate	LN	20216-8	Deceleration Slope	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
AR PGmax	TSBus	03070008	AR PGmax	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
AR PGed	TSBus	03070009	AR PGed	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
\o Diam	LN	18015-8	Aortic Root diameter	SRT	T-35400	Aortic Valve	SRT	G-03A2	2D mode				DCM	109070	End Systole			
A Diam	TSBus	030D0001	Left atrial diameter	SRT	T-35400	Aortic Valve	SRT	G-03A2	2D mode				SRT	F-32011	End Diastole			
-IR	LN	8867-4	Heart Rate	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode									
VOT SV	SRT	F-32120	Stroke volume	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
VOT CO	SRT	F-32100	Cardiac Output	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
VOT SI	SRT	F-00078	Stroke Index	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
VOT CI	SRT	F-32110	Cardiac Index	SRT	T-32600	Left Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
NoV Area	SRT	F-0231F	Aortic valve Area	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125215	Continuity Equation by Velocity Time Inte
NoV Area Index	TSBus	03070000	AoV Area Index	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125215	Continuity Equation by Velocity Time Inte
.A/Ao	LN	17985-3	Left Atrium to Aortic Root Ratio	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode									
PHT	LN	20280-4	Pressure Half Time	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode						1	1		
Qp/Qs (SV)	LN	29462-9	Pulmonary-to-Systemic Shunt Flow Ratio	SRT	P5-30031	Cardiac Shunt Study	TSBus	03210001	Doppler mode						1	TSBus	0307000B	Equation by Stroke volume
Qp/Qs (CO)	LN	29462-9	Pulmonary-to-Systemic Shunt Flow Ratio	SRT	P5-30031	Cardiac Shunt Study	TSBus	03210001	Doppler mode						1	TSBus	0307000C	Equation by Cardiac Output
AcT/ET	SRT	G-0382	Ratio of Aortic Valve Accelaraton Time to Ejection Time	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode			Ì	1		1			
RF (AoV)	SRT	G-0390	Regurgitant Fraction	SRT	T-35300	Aortic Valve	TSBus	03210001	Doppler mode						İ	1		
R Vol (AoV)	TSBus	0309000D	Regurgitation volume	SRT	T-35300	Aortic Valve	TSBus	03210001	Doppler mode							1		
VOT/AoV (VP)	TSBus	03070001	LVOT/AoV (VP)	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
VOT/AoV (VTI)	TSBus	03070002	LVOT/AoV (VTI)	SRT	T-35400	Aortic Valve	TSBus	03210001	Doppler mode	1			SRT	F-32020	Systole	†		
VOT/AoV (Vel)	TSBus			SRT		Aortic Valve	TSBus		Doppler mode		—	†		F-32020	Systole	1		

Table 8.1-39 Cardiac Doppler-Mode Mitral Valve measurement

				<u>. a</u>	JIG 0	. 1-39 Cardiac Dopp	101-1	TIOUE	wiitiai	v ai	VC 11	icasai ement						
							D	ICOM SR R	epresentations	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		0 (5202) Ech 203) Echo M Image M	leasurement) Echo Measurement Image View	TID		o Measurement c Phase			DTID (300) Measurement Measurement Method
	CSD	CV	СМ	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
E Vel	LN	18037-2	Mitral Valve E-wave Peak Velocity	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
DcT	SRT	G-0384	Mitral Valve E-wave Decelaration Time	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
PHT	LN	20280-4	Pressure half time	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole	*3		
A Vel	LN	17978-8	Mitral Valve A-wave Peak Velocity	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
E' Vel	TSBus	03090003	Myocardial velocity corresponding to E Vel	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
A' Vel	TSBus	03090004	Myocardial velocity corresponding to A Vel	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
E Dur	TSBus	03090001	Mitral Valve E-wave duration	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
A Dur	SRT	G-0385	Mitral Valve A-Wave duration	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
IVRT	TSBus	03090002	Isovelocity relaxation time	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode									
MV VTI	LN	20354-7	Velocity Time Integral	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
MV VP	LN	11726-7	Peak Velocity	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
MV VM	LN	20352-1	Mean Velocity	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
MV PPG	DCM	122198	Gradient Pressure, Peak	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole	DCM	125218	Simplified Bernoulli
MV MPG	DCM	122197	Gradient pressure, average	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole	DCM	125218	Simplified Bernoulli
MV DistA	SRT	G-038F	Cardiovascular Orifice Diameter	SRT	T-35300	Mitral Valve	SRT	G-03A2			G-A19C	Apical four chamber	SRT	F-32010	Diastole			
MV DistB	SRT	G-038F	Cardiovascular Orifice Diameter	SRT	T-35300	Mitral Valve	SRT	G-03A2	2D mode	SRT	G-A19B	Apical two chamber	SRT	F-32010	Diastole			
MV Area (2D)	SRT		Mitral valve Area	SRT	T-35300	Mitral Valve	SRT	G-03A2	2D mode				SRT	F-32010	Diastole	DCM	125220	Planimetry *4
HR	LN	8867-4	Heart Rate	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode									
dP/dt	LN			SRT	T-35300		TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
dt	TSBus		D_MV_RRiseTime_s_MCR_TIME	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
Vel1	TSBus	03090006	D_MV_RRiseTime_s_MCR_VELOCITY_1	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
Vel2	TSBus	03090007	D_MV_RRiseTime_s_MCR_VELOCITY_2	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
E/A	LN	18038-0	Mitral Valve E to A Ratio	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
A/E	TSBus		MV_AERatio	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
E/E'	TSBus	0309000B	Mitral Valve E to E' Ratio	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
MV SV	SRT	F-32120	Stroke volume	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
	SRT		Cardiac Output	SRT	T-35300		TSBus		Doppler mode				SRT		Systole			
	SRT	F-00078	Stroke Index	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
MV CI	SRT	F-32110	Cardiac Index	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
MVArea PHT	SRT	F-02320	Mitral Valve Area	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125210	Area by Pressure Half-Time *5
RF (MV)	SRT	G-0390	Regurgitant Fraction	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode									
	TSBus		Regurgitation volume	SRT	T-35300	Mitral Valve	TSBus		Doppler mode									
Diff A Dur	TSBus	0309000C	Diff A Dur	SRT	T-35300	Mitral Valve	TSBus	03210001	Doppler mode			1						

^{*3, *4, *5 :} Please contact Toshiba service in your region, if you require following SR Modifiers.

Table 8.1-40 Cardiac Doppler-Mode Pulmonary vein blood flow waveform measurement

						Doppier meas r ar		<u> </u>										
							DI	COM SR F	epresentations	•								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site			no Section Measurement Mode) Echo Measurement mage View	TID		o Measurement ic Phase			OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
S1 Vel	TSBus	03130001	S1-wave velocity	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			,
S2 Vel	LN		Pulmonary Vein Systolic Peak Velocity	SRT	T-48581				Doppler mode				SRT	F-32020	Systole			1
D Vel	LN	29451-2	Pulmonary Vein Diastolic Peak Velocity	SRT	T-48581				Doppler mode				SRT	F-32010	Diastole			1
DcT	LN	20217-6	Deceleration Time	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			1
PVA Vel	TSBus	03130002	AR-wave velocity	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode									1
PVA Dur	SRT	G-038B	Pulmonary Vein A-wave Duration	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode									1
S VTI	SRT	G-038C	Pulmonary Vein S-wave Velocity Time Integral	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			,
D VTI	SRT	G-038D	Pulmonary Vein D-wave Velocity Time Integral	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			1
S/D	LN	29452-0	Pulmonary Vein Systolic to Diastolic Ratio	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode									1
Sys.Fract	TSBus	03130000	PVein_SF	SRT	T-48581	Pulmonary Venous Structure	TSBus	03210001	Doppler mode									

Table 8.1-41 Cardiac Doppler-Mode Tricus measurement

							D	ICOM SR R	epresentations	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		0 (5202) Ech 203) Echo M Image M	Measurement) Echo Measurement Image View			o Measurement c Phase			DTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD		CM	CSD	CV	CM	CSD	C۷		CSD	CV	CM	CSD	CV	CM
V E Vel	LN	18031-5	Tricuspid Valve E Wave Peak velocity	SRT	T-35100	Tricuspid Valve	TSBus		Doppler mode				SRT	F-32010	Diastole			
V A Vel	LN		Tricuspid Valve A Wave Peak velocity			Tricuspid Valve			Doppler mode				SRT		Diastole			
V DcT	LN		Deceleration Time			Tricuspid Valve	TSBus	03210001	Doppler mode				SRT		Diastole			
TV VTI d	LN		Velocity Time Integral				TSBus	03210001	Doppler mode						Diastole			
V VP d	LN		Peak Velocity	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode						Diastole			
V VM d	LN	20352-1	Mean Velocity	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode				SRT		Diastole			
V PPG d	DCM	122198	Gradient Pressure, Peak	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode						Diastole	DCM	125218	Simplified Bernoulli
V MPG d	DCM		Gradient pressure, average				TSBus	03210001	Doppler mode						Diastole	DCM	125218	Simplified Bernoulli
V VTI s	LN	20354-7	Velocity Time Integral	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
V VP s	LN	11726-7	Peak Velocity	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
V VM s	LN	20352-1	Mean Velocity	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode						Systole			
V PPG s	DCM	122198	Gradient Pressure, Peak	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125218	Simplified Bernoulli
V MPG s	DCM	122197	Gradient pressure, average	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole	DCM	125218	Simplified Bernoulli
R Vmax	TSBus	03150001	MaximumTricuspid Valve regurgitation velocity	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode					F-32020	Systole			
R PGmax	TSBus	03150002	MaximumTricuspid Valve regurgitation pressure gradient	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
A Press	SRT	F-03DE9	Right Atrial Pressure	SRT	T-35100	Tricuspid Valve	TSBus	03210001	Doppler mode									
Vs Press	SRT	F-03DFE	Right Ventricular Systolic Pressure	SRT	T-35100				Doppler mode			İ						İ
/A	LN	18039-8	Tricuspid Valve E to A ratio	SRT	T-35100	Tricuspid Valve			Doppler mode									
√E	TSBus	03150000	Tricuspid Valve A to E ratio						Doppler mode			i				1		

Table 8.1-42 Cardiac Doppler-Mode Pulmonary valve measurement

							D	ICOM SR R	epresentations	s								
Toshiba Identifiers Label			TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site	TID (5	Image N	leasurement lode		•	s) Echo Measurement Image View		Cardia				OTID (300) Measurement Measurement Method
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
PV VTI	LN	20354-7		SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT		Systole			
PV VP	LN			SRT		Pulmonic Valve	TSBus		Doppler mode				SRT		Systole			
PV VM	LN			SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT		Systole			
PV PPG	DCM	122198	Gradient Pressure, Peak	SRT	T-35200	Pulmonic Valve	TSBus	03210001	Doppler mode				SRT		Systole			
PV MPG	DCM	122197	e ce e e e e e e e e e e e e e e e e e			Pulmonic Valve	TSBus	03210001	Doppler mode				SRT		Systole			
	SRT			SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
HR	LN	8867-4	Heart rate	SRT		Pulmonic Valve	TSBus		Doppler mode									
RV PEP	TSBus	030B0002		SRT		Right Ventricle	TSBus	03210001	Doppler mode									
RV AcT	LN		Acceleration Time	SRT		Right Ventricle	TSBus		Doppler mode									
RV ET	DCM			SRT		Right Ventricle	TSBus	03210001	Doppler mode				SRT		Systole			
PR VTI	LN		Velocity time integral	SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
PR VP	LN			SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT		Diastole			
PR VM	LN	20352-1		SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole			
PR PPG	DCM	122198	Gradient Pressure, Peak	SRT		Pulmonic Valve	TSBus		Doppler mode				SRT		Diastole	DCM		Simplified Bernoulli
PR MPG	DCM		Gradient pressure, average	SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT	F-32010	Diastole	DCM	125218	Simplified Bernoulli
PR Ved	LN					Pulmonic Valve	TSBus		Doppler mode									
PR PGed	TSBus			SRT	T-35200	Pulmonic Valve	TSBus	03210001	Doppler mode				SRT	F-32011	End Diastole			
	SRT			SRT		Pulmonic Valve	TSBus		Doppler mode									
AcT/ET	SRT		Ratio ofPulmonic Valve Accelaration Time to Ejection Time	SRT	T-35200	Pulmonic Valve	TSBus	03210001	Doppler mode									
STI	TSBus		P_HT_STI	SRT		Right Ventricle	TSBus	03210001	Doppler mode									
	SRT		Stroke Volume	SRT		Pulmonic Valve	TSBus	03210001	Doppler mode				SRT		Systole			
	SRT	F-32100		SRT		Right Ventricle	TSBus	03210001	Doppler mode				SRT		Systole			
	SRT			SRT		Pulmonic Valve	TSBus		Doppler mode				SRT		Systole			
PV CI	SRT	F-32110				Right Ventricle	TSBus	03210001	Doppler mode				SRT	F-32020	Systole			
Qp/Qs (SV)	LN	29462-9	Pulmonary-to-Systemic Shunt Flow Ratio	SRT	P5-30031	Cardiac Shunt Study	TSBus	03210001	Doppler mode							TSBus	0307000B	Equation by Stroke volume
Qp/Qs (CO)	LN					Cardiac Shunt Study	TSBus	03210001	Doppler mode							TSBus	0307000C	Equation by Cardiac Output
PAs Press	TSBus	030B0001	P_HT_PAPed	SRT	T-35200	Pulmonic Valve	TSBus	03210001	Doppler mode									

Table 8.1-43 Extra Measurements LV Mass AL (Area-Length)

		DICOM SR Representations																
Toshiba Identifiers Label	TID (5203) Echo Measurement \$Measurement				TID (5202) Echo Section Finding Site			TID (5202) Echo Section TID (5203) Echo Measurement Image Mode) Echo Measurement Image View		Cardia	o Measurement c Phase	DTID (300) Measurement Measurement Method		
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
A epi	TSBus	03400006	Epicardium area	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
A endo	TSBus	03400007	Endocardium area	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
LVL	LN	18077-8	Left Ventricle diastolic major axis	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
t	TSBus	03400001	myocardial thickness	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
LV Mass	LN	18087-7	Left Ventricle Mass	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
Massldx	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			

Table 8.1-44 Extra Measurements LV Mass TE (Truncated Ellipsoid)

						= /												
	DICOM SR Representations																	
Toshiba Identifiers Label	Label TID (5203) Echo Measurement \$Measurement				TID (5202) Echo Section Finding Site			TID (5202) Echo Section TID (5203) Echo Measurement Image Mode			TID (5203) Echo Measurement Image View				o Measurement c Phase	DTID (300) Measurement Measurement Method		
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
A epi	TSBus	03400006	Epicardium area	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
A endo	TSBus	03400007	Endocardium area	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
а	TSBus	03230000	B_LV_LenSMA_d	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
d	TSBus	03230003	B_LV_LenTSMA_d	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			
t	TSBus	03400001	myocardial thickness	SRT	T-32600	Left Ventricle							SRT	F-32011		DCM	125222	Left Ventricle Mass by Truncated Ellipse
LV Mass	LN		Left Ventricle Mass	SRT												DCM	125222	Left Ventricle Mass by Truncated Ellipse
Massldx	TSBus	03030001	Left Ventricular Mass divided by Body Surface Area	SRT	T-32600	Left Ventricle							SRT	F-32011	End Diastole			

Table 8.1-45 Extra Measurements PISA

		DICOM SR Representations																	
Toshiba Identifiers Label	TID (5203) Echo Measurement \$Measurement			TID (5202) Echo Section Finding Site		TID (5202) Echo Section TID (5203) Echo Measurement Image Mode		TID (5203) Echo Measurement Image View			TID (5203) Echo Measurement Cardiac Phase				DTID (300) Measurement Measurement Method				
	CSD	CV	CM	CSD	CV		CM	CSD	CV	СМ	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
Radius	TSBus	03250001	Radius	SRT	T-32600	Left Ventricle													
Alias Vel	TSBus	03250002	Alias velocity	SRT	T-32600	Left Ventricle													
VP	LN	11726-7	Peak Velocity	SRT	T-32600	Left Ventricle													
VTI	LN	20354-7	Velocity Time Integral	SRT	T-32600	Left Ventricle													
PPG	DCM	122198	Gradient Pressure, Peak	SRT	T-32600	Left Ventricle											DCM	125218	Simplified Bernoulli
MPG	DCM	122197	Gadient Pressure, average	SRT	T-32600	Left Ventricle											DCM	125218	Simplified Bernoulli
Flow Rate	LN	34141-2	Peak Instantaneous Flow Rate	SRT	T-32600	Left Ventricle													
EOArea	TSBus	03250003	Effective Opening area	SRT	T-32600	Left Ventricle											DCM	125216	Proximal Isovelocity Surface Area
FlowVol	LN	33878-0	Volume flow	SRT	T-32600	Left Ventricle													

Table 8.1-46 Extra Measurements Coronary

						TADIC O. 1-40 EXII	4 1110	<u>uour</u>	J		,, 011	u. y						
		DICOM SR Representations																
Toshiba Identifiers Label	TID (5203) Echo Measurement TID (5202) Echo Section SMeasurement Finding Site						(5202) Echo 203) Echo M Image M	easurement	TID (5203) Echo Measurement Image View			TID	(5203) Echo Cardiao	Measurement Phase	DTID (300) Measurement Measurement Method			
	CSD	CV	CM		CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM
RCA Base Vel	TSBus		Flow velocity before loading			Right Coronary Artery												
	TSBus		Flow velocity after loading			Right Coronary Artery										TSBus	03270011	Coronary Vasodilation
(RCA) VP base	LN		Peak Velocity			Right Coronary Artery												
(RCA) VM base	LN		Mean Velocity			Right Coronary Artery												
(RCA) DcT (base)	LN		Deceleration Time			Right Coronary Artery												
(RCA) PHT (base)	LN		Pressure half time			Right Coronary Artery												
(RCA) VP Hyper	LN		Peak Velocity			Right Coronary Artery										TSBus		Coronary Vasodilation
(RCA) VM Hyper	LN		Mean Velocity			Right Coronary Artery										TSBus		Coronary Vasodilation
(RCA) DcT (Hyper)	LN		Deceleration Time			Right Coronary Artery										TSBus		Coronary Vasodilation
(RCA) PHT (Hyper)	LN		Pressure half time			Right Coronary Artery										TSBus	03270011	Coronary Vasodilation
	TSBus		Vel hyper/Vel base			Right Coronary Artery												
	TSBus		VP hyper/VP base			Right Coronary Artery												
	TSBus		VM hyper/VM base			Right Coronary Artery												
(LAD) Vel Base	TSBus		Flow velocity before loading	TSBus	3270001	Left Anterior Descending Coronary Artery												
(LAD) Vel Hyper	TSBus		Flow velocity after loading			Left Anterior Descending Coronary Artery										TSBus	03270011	Coronary Vasodilation
(LAD) VP base	LN		Peak Velocity			Left Anterior Descending Coronary Artery												
(LAD) VM base	LN		Mean Velocity			Left Anterior Descending Coronary Artery												
(LAD) DcT (base)	LN	20217-6	Deceleration Time	TSBus	3270001	Left Anterior Descending Coronary Artery												
(LAD) PHT (base)	LN		Pressure half time			Left Anterior Descending Coronary Artery												
(LAD) VP Hyper	LN		Peak Velocity			Left Anterior Descending Coronary Artery										TSBus	03270011	Coronary Vasodilation
(LAD) VM Hyper	LN		Mean Velocity			Left Anterior Descending Coronary Artery						<u> </u>				TSBus		Coronary Vasodilation
(LAD) DcT (Hyper)	LN		Deceleration Time	TSBus	3270001	Left Anterior Descending Coronary Artery										TSBus	03270011	Coronary Vasodilation
(LAD) PHT (Hyper)	LN		Pressure half time			Left Anterior Descending Coronary Artery									· ·	TSBus	03270011	Coronary Vasodilation
(LAD) CFR Vel	TSBus		Vel hyper/Vel base			Left Anterior Descending Coronary Artery												
	TSBus		VP hyper/VP base			Left Anterior Descending Coronary Artery												
(LAD) CFR VM	TSBus	0327000F	VM hyper/VM base	TSBus	3270001	Left Anterior Descending Coronary Artery						<u> </u>						

Table 8.1-47
SR DOCUMENT CONTENT MODULE OF CREATED ENHANCED SR SOP INSTANCES FOR VASCULAR ULTRASOUND REPORT TEMPLATE

Attribute Name	Tag	VR	Value	Presence of Value	Source
Value Type	(0040,A040)	CS	CONTAINER	ALWAYS	AUTO
Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>Code Value	(0008,0100)	SH	125100	ALWAYS	AUTO
>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>Code Meaning	(0008,0104)	LO	Vascular Ultrasound Procedure Report	ALWAYS	AUTO
Continuity of Content	(0040,A050)	CS	SEPARATE	ALWAYS	AUTO
Content Template Sequence	(0040,A504)	SQ		ALWAYS	AUTO
Template Identifier	(0040,DB00)	CS	5100	ALWAYS	AUTO
Mapping Resource	(0008,0105)	CS	DCMR	ALWAYS	AUTO
Content sequence	(0040,A730)	SQ		ALWAYS	AUTO
>Relationship Type	(0040,A010)	CS	HAS CONCEPT MOD	ALWAYS	AUTO
>Value Type	(0040,A040)	CS	CODE	ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121049	ALWAYS	AUTO
>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Language of Content Item and descendants	ALWAYS	AUTO
>Concept Code Sequence	(0040,A160)	SQ		ALWAYS	AUTO
>>Code value	(0008,0100)	SH	eng	ALWAYS	AUTO
>>Coding Scheme designator	(0008,0102)	SH	ISO639-2	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	English	ALWAYS	AUTO
>Relationship Type	(0040,A010)	CS	HAS OBS CONTEXT	ALWAYS	AUTO
>Value Type	(0040,A040)	CS	CODE	ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121005	ALWAYS	AUTO
>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Observer Type	ALWAYS	AUTO
>Concept Code Sequence	(0040,A160)	SQ		ALWAYS	AUTO
>>Code value	(0008,0100)	SH	121007	ALWAYS	AUTO
>>Coding Scheme designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Device	ALWAYS	AUTO
>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>Value Type	(0040,A040)	CS	CONTAINER	ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121118	ALWAYS	AUTO
>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Patient Characteristics	ALWAYS	AUTO
>Continuity of Content	(0040,A050)	cs	SEPARATE	ALWAYS	AUTO
>Content sequence	(0040,A730)	SQ		ALWAYS	AUTO

>>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
	(0040,A010) (0040,A040)	CS	NUM	ALWAYS	AUTO
>>Value Type	(0040,A040) (0040,A043)	SQ	NOW	ALWAYS	AUTO
>>Concept Name Code Sequence >>>Code Value		SH	121033	ALWAYS	AUTO
	(0008,0100)				
>>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Subject Age	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH		ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH		ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO		ALWAYS	AUTO
>>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	CODE	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	121032	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	DCM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Subject Sex	ALWAYS	AUTO
>>Concept Code Sequence	(0040,A160)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH		ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH		ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO		ALWAYS	AUTO
>>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	NUM	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	8867-4	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	LN	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Heart Rate. SR Document content Module may have multiple measurement results, at that case, the heart rate value is set for the last measurement.	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	"{H.B.}/min"	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	UCUM	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Heart beat per minute	ALWAYS	AUTO
>>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO
>>Value Type	(0040,A040)	cs	NUM	ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	F-008EC	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Systolic Blood Pressure	ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>>>Numeric value	(0040,A30A)			71277777	,

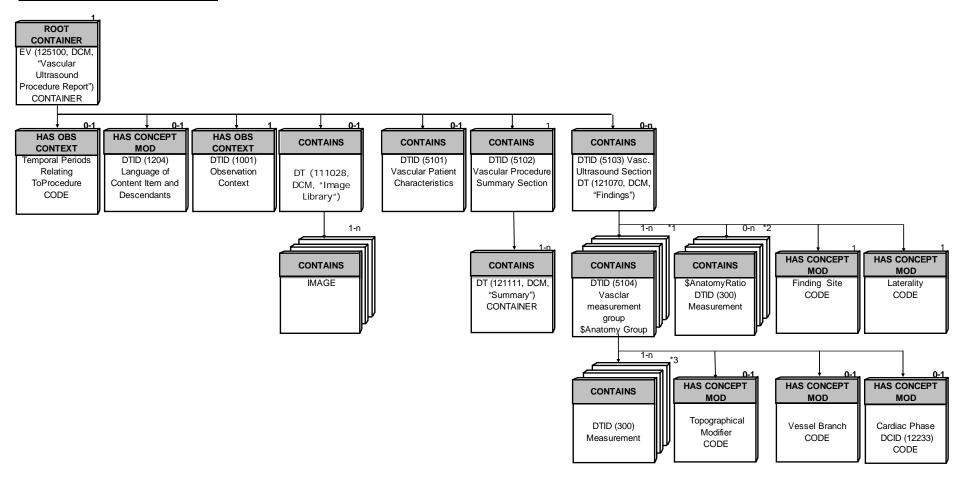
>>>>Code value (0008,0100) SH brilling mm(Hg) ALWAYS AUTO >>>>>Coding Scheme designator (0008,0102) SH UCUM ALWAYS AUTO >>>>Cade Meaning (0004,0401) CO mmHig" ALWAYS AUTO >>>Value Type (0040,0404) CS CONTAINS ALWAYS AUTO >>>Concept Name Code Sequence (0040,0404) CS NUM ALWAYS AUTO >>>Coded Value (0008,0102) SH FO08ED ALWAYS AUTO >>>Coded Meaning (0008,0102) SH SRT ALWAYS AUTO >>>Code Meaning (0008,0102) SH SRT ALWAYS AUTO >>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>>Coding Scheme designator (0008,0102) SH mm[Hg] ALWAYS AUTO >>>>Coded Walue (0008,0102) SH mm[Hg] ALWAYS AUTO >>Content Special Signator (0008,0102) SH </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
>>>>Code Meaning (0008,0104) LO "mmHg" ALWAYS AUTO >>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >>>Concept Name Code Sequence (0040,A040) CS NUM ALWAYS AUTO >>>Code Value (0008,0100) SH F-008ED ALWAYS AUTO >>>Code Walue (0008,0100) SH SRT ALWAYS AUTO >>>Code Meaning (0008,0104) LO Diastolic Blood Pressure ALWAYS AUTO >>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Code Walue (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Code Walue (0004,0401) CS CONTAINS ALWAYS AUTO >Activate Pre (0040,0404) CS CONTAINS ALWAYS AUTO	>>>Code value	(0008,0100)	SH	mm[Hg]	ALWAYS	AUTO
>>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >>Value Type (0040,A040) CS NUM ALWAYS AUTO >>Concept Name Code Sequence (0040,A040) SD ALWAYS AUTO >>>Coding Scheme Designator (0008,0100) SH F-008ED ALWAYS AUTO >>>Coding Scheme Designator (0008,0100) SH F-008ED ALWAYS AUTO >>>Coding Scheme Designator (0008,0100) SH F-008ED ALWAYS AUTO >>>Measured Value Sequence (0040,3300) SQ ALWAYS AUTO >>>Measured Units Code Sequence (0040,3604) DA ALWAYS AUTO >>>>>Codode value (0008,0102) SH mm[Hg] ALWAYS AUTO >>>>>Codde Meaning (0008,0102) SH mm[Hg] ALWAYS AUTO >>>>>Coded Weaning (0040,A040) CS CONTAINS ALWAYS AUTO > (0040,A040) CS CONTAINS ALWAYS AUTO <td>>>>Coding Scheme designator</td> <td>(0008,0102)</td> <td>SH</td> <td>UCUM</td> <td>ALWAYS</td> <td>AUTO</td>	>>>Coding Scheme designator	(0008,0102)	SH	UCUM	ALWAYS	AUTO
>>Value Type (0040,A040) CS NUM ALWAYS AUTO >>Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >>>Code Value (0008,0100) SH F-008ED ALWAYS AUTO >>>Coding Scheme Designator (0008,0100) SH SRT ALWAYS AUTO >>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>Numeric Value (0040,A300) DA ALWAYS AUTO >>>Code value (0040,08EA) SQ ALWAYS AUTO >>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Coding Scheme designator (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Coded Walue (0040,0401) CS CONTAINS ALWAYS AUTO > Value Type (0040,0404) CS CONTAINS ALWAYS AUTO > Concept Name Code Sequence (0040,0404) CS CONTAINS ALWAYS AUTO	>>>Code Meaning	(0008,0104)	LO	"mmHg"	ALWAYS	AUTO
>>Concept Name Code Sequence (0040,A043) SD ALWAYS AUTO >>>Code Value (0008,0100) SH F-008ED ALWAYS AUTO >>>Coding Scheme Designator (0008,0102) SH SRT ALWAYS AUTO >>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>Measured Units Code Sequence (0040,A300) DA ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Code Walue (0008,0102) SH UCUM ALWAYS AUTO >>>Code Maning (0040,A010) CS CONTAINIS ALWAYS AUTO >Colar Type (0040,A010) CS CONTAINIS ALWAYS AUTO >Concept Name Code Sequence (0040,A040) CS CONTAINIS ALWAYS AUTO >Code Walue (0060,A010) SH TI1028 ALWAYS AUTO	>>Relationship Type	(0040,A010)	CS	 	ALWAYS	AUTO
>>>Code Value (0008,0100) SH F-008ED ALWAYS AUTO >>>Coding Scheme Designator (0008,0102) SH SRT ALWAYS AUTO >>>Code Meaning (0008,0102) SH SRT ALWAYS AUTO >>>Measured Value (0040,A30A) DA ALWAYS AUTO >>>Numeric Value (0040,A30A) DA ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Code Waling (0008,0102) SH UCUM ALWAYS AUTO >>>Code Meaning (0004,0401) CS CONTAINS ALWAYS AUTO >>Concepti Name Code Sequence (0040,A040) CS CONTAINER ALWAYS AUTO >>Code Value (0008,0102) SH 111028 ALWAYS AUTO >>Code Value (0008,0102) SH DCM ALWAYS AUTO >>Code Value (0008,0102) SH DCM ALWAYS AUTO >>Coded Me	>>Value Type	(0040,A040)	CS	NUM	ALWAYS	AUTO
>>>Coding Scheme Designator (0008,0102) SH SRT ALWAYS AUTO >>>Code Meaning (0008,0104) LO Diastolic Blood Pressure ALWAYS AUTO >>Measured Value (0040,A300) SQ ALWAYS AUTO >>>Measured Units Code Sequence (0040,A30A) DA ALWAYS AUTO >>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Coding Scheme designator (0008,0102) SH UCUM ALWAYS AUTO >>>>Coding Scheme designator (0008,0101) LO "mmHg] ALWAYS AUTO >>>Code Meaning (0040,A010) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS CONTAINS ALWAYS AUTO >Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >Coded Value (0008,0102) SH DCM ALWAYS AUTO >Coded Meaning (0008,0103) SH DCM ALWAYS AUTO </td <td>>>Concept Name Code Sequence</td> <td>(0040,A043)</td> <td>SQ</td> <td></td> <td>ALWAYS</td> <td>AUTO</td>	>>Concept Name Code Sequence	(0040,A043)	SQ		ALWAYS	AUTO
>>>Code Meaning (0008,0104) LO Diastolic Blood Pressure ALWAYS AUTO >>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>Numeric Value (0040,A30A) DA ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Code Meaning (0008,0104) LO mm[Hg] ALWAYS AUTO >>>Code Meaning (0040,0401) CS CONTAINS ALWAYS AUTO > Value Type (0040,0401) CS CONTAINS ALWAYS AUTO > Value Type (0040,0401) CS CONTAINS ALWAYS AUTO > Concept Name Code Sequence (0040,0401) CS CONTAINS ALWAYS AUTO > Code Value (0040,0401) CS CONTAINS ALWAYS AUTO > Code Meaning (0008,0102) S	>>>Code Value	(0008,0100)	SH	F-008ED	ALWAYS	AUTO
>>Measured Value Sequence (0040,A300) SQ ALWAYS AUTO >>>Numeric Value (0040,A30A) DA ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Coding Scheme designator (0008,0100) SH UCUM ALWAYS AUTO >>>>Coding Scheme designator (0008,0104) LO mm[Hg] ALWAYS AUTO >>>>Coding Scheme designator (0008,0104) LO "mmHg" ALWAYS AUTO >Relationship Type (0040,A040) CS CONTAINS ALWAYS AUTO >Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >Conde Value (0008,0100) SH DCM ALWAYS AUTO >Coded Value (0008,0104) LO Image Library ALWAYS AUTO >Coded Meaning (0008,0104) LO Image Library ALWAYS AUTO >Content sequence (0040,A050) CS SEPARATE ALWAYS AUTO	>>>Coding Scheme Designator	(0008,0102)	SH	SRT	ALWAYS	AUTO
>>>Numeric Value (0040,A30A) DA ALWAYS AUTO >>>Measured Units Code Sequence (0040,08EA) SQ ALWAYS AUTO >>>>Coded value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Coding Scheme designator (0008,0102) SH UCUM ALWAYS AUTO >>>>Coding Scheme designator (0040,A010) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS CONTAINS ALWAYS AUTO >Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >Coded Value (0008,0100) SH DCM ALWAYS AUTO >Coded Walue (0008,0100) SH DCM ALWAYS AUTO >Coded Walue (0008,0102) SH DCM ALWAYS AUTO >Coded Meaning (0008,0102) SH DCM ALWAYS AUTO >Continuity of Content (0040,A050) CS SEPARATE ALWAYS AUTO >Co	>>>Code Meaning	(0008,0104)	LO	Diastolic Blood Pressure	ALWAYS	AUTO
>>>Measured Units Code Sequence (0040,08EA) SQ ALWAYS AUTO >>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Coding Scheme designator (0008,0102) SH UCUM ALWAYS AUTO >>>>Code Meaning (0008,0104) LO "mmHg" ALWAYS AUTO >Relationship Type (0040,A040) CS CONTAINS ALWAYS AUTO >Concept Name Code Sequence (0040,A040) CS CONTAINER ALWAYS AUTO >Concept Name Code Sequence (0040,A040) CS CONTAINER ALWAYS AUTO >Code Value (0008,0100) SH 111028 ALWAYS AUTO >Coding Scheme Designator (0008,0102) SH DCM ALWAYS AUTO >Continuity of Content (0040,A050) CS SEPARATE ALWAYS AUTO >Content sequence (0040,A730) SQ ALWAYS AUTO >>Referenced SOP Sequence (0008,1199) SQ ALWAYS <t< td=""><td>>>Measured Value Sequence</td><td>(0040,A300)</td><td>SQ</td><td></td><td>ALWAYS</td><td>AUTO</td></t<>	>>Measured Value Sequence	(0040,A300)	SQ		ALWAYS	AUTO
>>>>Code value (0008,0100) SH mm[Hg] ALWAYS AUTO >>>>Coding Scheme designator (0008,0102) SH UCUM ALWAYS AUTO >>>>Code Meaning (0008,0104) LO mmHg" ALWAYS AUTO >>>Code Meaning (0040,A040) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS CONTAINS ALWAYS AUTO >Concept Name Code Sequence (0040,A040) CS CONTAINER ALWAYS AUTO >Code Value (0008,0100) SH 111028 ALWAYS AUTO >Coding Scheme Designator (0008,0102) SH DCM ALWAYS AUTO >Code Meaning (0008,0104) LO Image Library ALWAYS AUTO >Continuity of Content (0040,A050) CS SEPARATE ALWAYS AUTO >Content sequence (0040,A050) CS SEPARATE ALWAYS AUTO >>Referenced SOP Class UID (0008,1150) UI ALWAYS AUTO >>>Referenced SOP Instance UID (0008,1150) UI ALWAYS AUTO >>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >Value	>>>Numeric Value	(0040,A30A)	DA		ALWAYS	AUTO
>>>>Coding Scheme designator (0008,0102) SH UCUM ALWAYS AUTO >>>>Code Meaning (0008,0104) LO "mmHg" ALWAYS AUTO >Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >Value Type (0040,A043) SQ ALWAYS AUTO >Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >Code Value (0008,0102) SH DCM ALWAYS AUTO >Coding Scheme Designator (0008,0102) SH DCM ALWAYS AUTO >Code Meaning (0008,0104) LO Image Library ALWAYS AUTO >Content sequence (0040,A050) CS SEPARATE ALWAYS AUTO >Content sequence (0040,A730) SQ ALWAYS AUTO >PReferenced SOP Sequence (0008,1199) SQ ALWAYS AUTO >PReferenced SOP Class UID (0008,1150) UI ALWAYS AUTO >PReferenced SOP Instance UID	>>>Measured Units Code Sequence	(0040,08EA)	SQ		ALWAYS	AUTO
>>>>Code Meaning (0008,0104) LD "mmHg" ALWAYS AUTO >Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS CONTAINER ALWAYS AUTO >Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >Code Value (0008,0100) SH 111028 ALWAYS AUTO >Coding Scheme Designator (0008,0102) SH DCM ALWAYS AUTO >Code Meaning (0008,0104) LO Image Library ALWAYS AUTO >Content sequence (0040,A050) CS SEPARATE ALWAYS AUTO >Content sequence (0040,A730) SQ ALWAYS AUTO >>Referenced SOP Sequence (0008,1199) SQ ALWAYS AUTO >>Referenced SOP Class UID (0008,1155) UI ALWAYS AUTO >>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >Relation	>>>Code value	(0008,0100)	SH	mm[Hg]	ALWAYS	AUTO
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>>Referenced SOP Sequence (0008,1199) SQ ALWAYS AUTO >>>Referenced SOP Class UID (0008,1150) UI ALWAYS AUTO >>>Referenced SOP Instance UID (0008,1155) UI ALWAYS AUTO >>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS IMAGE ALWAYS AUTO >Value Type (0040,A040) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS CONATINER ALWAYS AUTO >Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >Code Value (0008,0100) SH 121111 ALWAYS AUTO >Code Meaning (0008,0102) SH DCM ALWAYS AUTO >Content sequence (0040,A050) CS SEPARATE ALWAYS AUTO >Content sequence (0040,A010) CS CONTAINS ALWAYS AUTO >Value Type	>Continuity of Content	(0040,A050)	cs	SEPARATE	ALWAYS	AUTO
>>>Referenced SOP Class UID (0008,1150) UI ALWAYS AUTO >>>Referenced SOP Instance UID (0008,1155) UI ALWAYS AUTO >>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS IMAGE ALWAYS AUTO >Value Type (0040,A040) CS CONTAINS ALWAYS AUTO >Concept Name Code Sequence (0040,A040) CS CONATINER ALWAYS AUTO >Code Value (0040,A043) SQ ALWAYS AUTO >Coding Scheme Designator (0008,0102) SH DCM ALWAYS AUTO >Code Meaning (0008,0104) LO Summary ALWAYS AUTO >Continuity of Content (0040,A050) CS SEPARATE ALWAYS AUTO >Content sequence (0040,A040) CS CONTAINS ALWAYS AUTO >Content sequence (0040,A040) CS TEXT ALWAYS AUTO	>Content sequence	(0040,A730)	SQ		ALWAYS	AUTO
>>>Referenced SOP Instance UID (0008,1155) UI ALWAYS AUTO >>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO >>Value Type (0040,A040) CS IMAGE ALWAYS AUTO >Relationship Type (0040,A040) CS CONTAINS ALWAYS AUTO >Value Type (0040,A040) CS CONATINER ALWAYS AUTO >Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >Code Value (0008,0100) SH 121111 ALWAYS AUTO >Code Meaning (0008,0102) SH DCM ALWAYS AUTO >Continuity of Content (0040,A050) CS SEPARATE ALWAYS AUTO >Content sequence (0040,A730) SQ ALWAYS AUTO >Nalue Type (0040,A040) CS CONTAINS ALWAYS AUTO >Nalue Type (0040,A040) CS CONTAINS ALWAYS AUTO >Nalue Type<	>>Referenced SOP Sequence	(0008,1199)	SQ		ALWAYS	AUTO
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>>Value Type (0040,A040) CS TEXT ALWAYS AUTO >>Concept Name Code Sequence (0040,A043) SQ ALWAYS AUTO >>>Code Value (0008,0100) SH 121106 ALWAYS AUTO >>>Coding Scheme Designator (0008,0102) SH DCM ALWAYS AUTO >>>Code Meaning (0008,0104) LO Comment ALWAYS AUTO >>Text Value (0040,A160) UT ALWAYS AUTO	•					1
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>>Text Value (0040,A160) UT ALWAYS AUTO						
		,		Comment		
>Relationship Type (0040,A010) CS CONTAINS ALWAYS AUTO						
	>Relationship Type	(0040,A010)	CS	CONTAINS	ALWAYS	AUTO

>Value Type	(0040,A040)	CS	CONTAINE	D		ALWAYS	AUTO
>Concept Name Code Sequence	(0040,A043)	SQ	CONTAINE			ALWAYS	AUTO
>>Code Value	(0008,0100)	SH	121070			ALWAYS	AUTO
>>Coding Scheme Designator	(0008,0102)	SH	DCM			ALWAYS	AUTO
>>Code Meaning	(0008,0104)	LO	Findings			ALWAYS	AUTO
			_				
>Continuity of Content	(0040,A050) (0040,A730)	CS SQ	SEPARATE			ALWAYS ALWAYS	AUTO
>Content sequence >>Relationship Type	(0040,A730) (0040,A010)	CS	HAS CONC	EDT MOD		ALWAYS	AUTO
>> Value Type	(0040,A010) (0040,A040)	CS	CODE	EFT WOD		ALWAYS	AUTO
>> Concept Name Code Sequence	(0040,A040) (0040,A043)	SQ	CODE			ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043) (0008,0100)	SH	G-C0E3			ALWAYS	AUTO
>>>Code Value >>>Coding Scheme Designator	(0008,0100)	SH	SRT			ALWAYS	AUTO
>>>Coding Scrience Designator >>>Code Meaning	(0008,0102)	LO	Finding Site			ALWAYS	AUTO
>>Concept Code Sequence	(0008,0104) (0040,A168)	SQ	Finding Site			ALWAYS	AUTO
>>Concept Code Sequence	(0040,A100) (0008,0100)	SH	CV	CSD	СМ	ALWAYS	AUTO
>>>Code value >>>Coding Scheme designator	(0008,0100)	SH	T-45005	SRT	Artery of	ALWAYS	AUTO
>>>Coding Scrience designation	(0006,0102)	ЗП	1-45005	SKI	Neck	ALWATS	AUTO
>>>Code Meaning	(0008,0104)	LO	T-47020	SRT	Artery Of Upper	ALWAYS	AUTO
>>Relationship Type	(0040,A010)	cs	CONTAINS			ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	NUM			ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	33868-1			ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	LN			ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	I CA/CCA ve	elocity ratio		ALWAYS	AUTO
>>Measured Value Sequence	(0040,A300)	SQ		<u> </u>		ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA				ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ				ALWAYS	AUTO
>>>Code value	(0008,0100)	SH				ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH				ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO				ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ				ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	%			ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	UCUM			ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	"percent"			ALWAYS	AUTO
>>Relationship Type	(0040,A010)	CS	HAS CONC	EPT MOD		ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	CODE			ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	G-C171			ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT			ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Laterality			ALWAYS	AUTO
>>Concept Code Sequence	(0040,A168)	SQ	-			ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	CV	CSD	СМ	ALWAYS	AUTO
On dia se Onla sera Danises atau				<u> </u>	1	<u> </u>	
>>>Coding Scheme Designator	(0008,0102)	SH	G-A100	SRT	Right	ALWAYS	AUTO

>>Relationship Type	(0040,A010)	CS	CONTAINS			ALWAYS	AUTO
>>Value Type	(0040,A040)	CS	CONATINE			ALWAYS	AUTO
>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	CV	CSD	СМ	ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	T-45100	SRT	Common	ALWAYS	AUTO
			T 45000	CDT	Carotid Artery		
			T-45200	SRT	External Carotid Artery		
			T-45300	SRT	Internal Carotid Artery		
>>>Code Meaning	(0008,0104)	LO	T-45700	SRT	Vertebral Artery	ALWAYS	AUTO
			T-46100	SRT	Subclavian Artery		
			T-46010	SRT	Innominate		
>>Continuity of Content	(0040,A050)	CS	SEPARATE			ALWAYS	AUTO
>>Content sequence	(0040,A730)	SQ				ALWAYS	AUTO
>>>Relationship Type	(0040,A010)	CS	HAS CONC	EPT MC	DD	ALWAYS	AUTO
>>>Value Type	(0040,A040)	CS	CODE			ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	G-A1F8			ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT			ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Topographi	cal Modi	fier	ALWAYS	AUTO
>>>Concept Code Sequence	(0040,A160)	SQ				ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	CV	CSE	CM	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	G-A118	SRT	Proximal	ALWAYS	AUTO
>>>Code Meaning			G-A119	SRT	Distal		
	(0008,0104)	LO	G-A188	SRT	Mid-longit	ALWAYS	AUTO
>>>Relationship Type	(0040,A010)	CS	HAS CONC	EPT MC	DD	ALWAYS	AUTO
>>>Value Type	(0040,A040)	CS	CODE			ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	125101			ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	DCM			ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Vessel bran	ch		ALWAYS	AUTO
>>>Concept Code Sequence	(0040,A160)	SQ				ALWAYS	AUTO
>>>Code value	(0008,0100)	SH	CV	CSE	CM	ALWAYS	AUTO
>>>Coding Scheme designator	(0008,0102)	SH	G-A100	SRT	Right	ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO			·	ALWAYS	AUTO
>>>Relationship Type	(0040,A010)	CS	HAS CONC	EPT MC)D	ALWAYS	AUTO
>>>Value Type	(0040,A040)	CS	CODE			ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH	R-4089A			ALWAYS	AUTO
>>>Coding Scheme Designator	(0008,0102)	SH	SRT			ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO	Cardiac Cyd	cle Point		ALWAYS	AUTO
>>>Concept Code Sequence	(0040,A160)	SQ				ALWAYS	AUTO

>>>Code value			CV	CSD	CM		
	(0008,0100)	SH	109070	DCM	End Systole	ALWAYS	AUTO
			F-32011	SRT	End Diastole		
>>>Coding Scheme designator	(0008,0102)	SH				ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO				ALWAYS	AUTO
>>>Relationship Type	(0040,A010)	cs	CONTAINS			ALWAYS	AUTO
>>>Value Type	(0040,A040)	CS	NUM			ALWAYS	AUTO
>>>Concept Name Code Sequence	(0040,A043)	SQ				ALWAYS	AUTO
>>>Code Value	(0008,0100)	SH				ALWAYS	AUTO
>>>>Coding Scheme Designator	(0008,0102)	SH				ALWAYS	AUTO
>>>Code Meaning	(0008,0104)	LO				ALWAYS	AUTO
>>>Measured Value Sequence	(0040,A300)	SQ				ALWAYS	AUTO
>>>Numeric Value	(0040,A30A)	DA				ALWAYS	AUTO
>>>Measured Units Code Sequence	(0040,08EA)	SQ				ALWAYS	AUTO
>>>>Code value	(0008,0100)	SH				ALWAYS	AUTO
>>>>Coding Scheme designator	(0008,0102)	SH				ALWAYS	AUTO
>>>>Code Meaning	(0008,0104)	LO				ALWAYS	AUTO

TID 5100 - Vascular Ultrasound Report



^{*1} DTID (5104) DTID (5104) Vasclar measurement group \$Anatomy Group may be multiple depending on Anatomy

Figure 8.1-2 Vascular Ultrasound Report

^{*2} DT \$AnatomyRatio DTID (300) Measurement may be multiple depending on the toshiba mesurement method.

^{*3} DTID (300) Measurement may be multiple depending on the number of measurement items.

Table 8.1-48 Carotid-1 Measurement

		ns						
Toshiba Identifiers Label	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Measurement	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Derivation	TID (5103) VASCULAR ULTRASOUND SECTION Finding Site	TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$AnatomyGroup	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Vessel Branch	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Topographical Modifier	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Cardiac Phase
	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM
B_Rt_CCA_Prox_Dist B_Rt_CCA_Prox_IMT1	SNM3 M-02550 Diameter TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured		SRT G-A100 Right SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A118 Proximal	
B Rt CCA Prox IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_CCA_Prox_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_CCA_Prox_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_CCA_Prox_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_CCA_Prox_SDistLumen	SRT G-0364 Vessel Lumen Diameter TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal SRT G-A118 Proximal	
B_Rt_CCA_Prox_SDistResidual B_Rt_CCA_Mid_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal SRT G-A188 Mid-longitudinal	
B_Rt_CCA_Mid_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_CCA_Mid_IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_CCA_Mid_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_CCA_Mid_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_CCA_Mid_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_CCA_Mid_SDistLumen B_Rt_CCA_Mid_SDistResidual	SRT G-0364 Vessel Lumen Diameter TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A188 Mid-longitudinal	
B_Rt_CCA_Mid_SDistResidual B Rt_CCA_Dist_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_CCA_Dist_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_CCA_Dist_IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_CCA_Dist_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_CCA_Dist_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_CCA_Dist_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	1 1
B_Rt_CCA_Dist_SDistLumen B_Rt_CCA_Dist_SDistResidual	SRT G-0364 Vessel Lumen Diameter TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A119 Distal SRT G-A119 Distal	
B_Rt_CCA_Dist_SDistResidual B_Rt_CCA_Repre_Dist	SNM3 M.02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B Rt CCA Repre IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B Rt CCA Repre IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_CCA_Repre_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_CCA_Repre_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_CCA_Repre_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_CCA_Repre_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_CCA_Repre_SDistResidual B_Rt_ICA_Prox_Dist	TSBus 0321000B Vessel Residual Diameter SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel SRT G-A118 Proximal	
B_Rt_ICA_Prox_IMT1	SNM3 M-02550 Diameter TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A118 Proximal	
B Rt ICA Prox IMT2	TSBus 03210003 Intima-media complex trickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ICA_Prox_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ICA_Prox_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ICA_Prox_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ICA_Prox_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ICA_Prox_SDistResidual	TSBus 0321000B Vessel Residual Diameter SNM3 M-02550 Diameter	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ICA_Mid_Dist B_Rt_ICA_Mid_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A188 Mid-longitudinal	
B Rt ICA Mid IMT2	TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ICA_Mid_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ICA_Mid_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ICA_Mid_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ICA_Mid_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ICA_Mid_SDistResidual B_Rt_ICA_Dist_Dist	TSBus 0321000B Vessel Residual Diameter SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A119 Distal	
B_Rt_ICA_Dist_Dist B_Rt_ICA_Dist_IMT1	SNM3 M-02550 Diameter TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ICA_Dist_IM11 B_Rt_ICA_Dist_IMT2	TSBus 03210003 Intima-media complex thickness TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ICA_Dist_IMT3	TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	1 1 1
B_Rt_ICA_Dist_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ICA_Dist_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ICA_Dist_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ICA_Dist_SDistResidual	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ICA_Repre_Dist B_Rt_ICA_Repre_IMT1	SNM3 M-02550 Diameter TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_ICA_Repre_IMT2	TSBus 03210003 intima-media complex thickness TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel SRT G-036A Origin of vessel	
B_Rt_ICA_Repre_IMT3	TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	1
B_Rt_ICA_Repre_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	1 1 1
B_Rt_ICA_Repre_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_ICA_Repre_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_ICA_Repre_SDistResidual	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_ECA_Prox_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ECA_Prox_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ECA_Prox_IMT2 B Rt ECA Prox IMT3	TSBus 03210003 intima-media complex thickness TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ECA_Prox_livi13 B_Rt_ECA_Prox_SAreal.umen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ECA_Prox_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ECA_Prox_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	

				DICOM SR Representation	ns			
Toshiba Identifiers Label	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Measurement	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Derivation	TID (5103) VASCULAR ULTRASOUND SECTION Finding Site	TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$AnatomyGroup	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Vessel Branch	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Topographical Modifier	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Cardiac Phase
	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM
B_Rt_ECA_Prox_SDistResidual	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
B_Rt_ECA_Mid_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Mid_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Mid_IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Mid_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Mid_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Mid_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Mid_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Mid_SDistResidual	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
B_Rt_ECA_Dist_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ECA_Dist_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ECA_Dist_IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ECA_Dist_IMT3 B_Rt_ECA_Dist_SAreal_umen	TSBus 03210003 intima-media complex thickness SRT G-0366 Vessel Luman Cross-Sectional Area	Citi It 41541 Micabarca	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
			SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery			
B_Rt_ECA_Dist_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ECA_Dist_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	+ +
B_Rt_ECA_Dist_SDistResidual	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
B_Rt_ECA_Repre_Dist B_Rt_ECA_Repre_IMT1	SNM3 M-02550 Diameter TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SKI G-A100 Right	SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-036A Origin of vessel SRT G-036A Origin of vessel	+ + + - +
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B_Rt_ECA_Repre_IMT3	TSBus 03210003 intima-media complex thickness SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	+ + + - +
B_Rt_ECA_Repre_SAreaLumen B_Rt_ECA_Repre_SAreaResidual	Vessel Edition Gloss Georgia / Treat	OTT TT THOUSAIDS			SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right		+ +
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B_Rt_ECA_Repre_SDistLumen B Rt ECA_Repre_SDistResidual	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured			SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right		
			SRT T-45005 Artery of Neck					
B_Rt_Subc_Repre_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-46100 Subclavian Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
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B_Rt_Subc_Repre_SAreaLumen B_Rt_Subc_Repre_SAreaResidual	SRT G-0366 Vessel Lumen Cross-Sectional Area TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-46100 Subclavian Artery SRT T-46100 Subclavian Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-036A Origin of vessel SRT G-036A Origin of vessel	
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B_Rt_Vert_Repre_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_Vert_Repre_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_Vert_Repre_IMT2	TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_Vert_Repre_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
B_Rt_Vert_Repre_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	CDT C 4100 Right	SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
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B_Rt_Vert_Repre_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
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B_Lt_CCA_Prox_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured		SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT G-A118 Proximal	
B It CCA Prox IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT G-A118 Proximal	
B It CCA Prox IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT G-A118 Proximal	
B_Lt_CCA_Prox_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT G-A118 Proximal	
B_Lt_CCA_Prox_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT G-A118 Proximal	
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B_Lt_CCA_Mid_IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured		SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT G-A188 Mid-longitudinal	
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B.L. E.C.A. Dist Shaffsesidual Shaffsesidual Shaff Shaffsesidual									+ + + + + + + + + + + + + + + + + + + +
B.L. E.C.A. Dist. MT TSbus G3210003 minar-media complex thickness SRT R-410H Measured SRT T-45005 Antery of Neck SRT G-4101 Left SRT T-4520 External Carolid Antery SRT G-4101 Left SRT G-4102 Left SRT G-4103 Left									
B.L. IE.CA. Det. MT2 Silva G3210003 intima-media complex trickness SRT R-41DH Measured SRT T-45006 Antery of Neck SRT G-4101 Left SRT T-45200 External Carolid Antery SRT G-4101 Left SRT G-4101 Left SRT T-45200 External Carolid Antery SRT G-4101 Left SRT G-4301 Left SRT T-45200 External Carolid Antery SRT G-4101 Left SRT T-45200 External Carolid Antery SRT G-4101 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left SRT G-4304 Left								SRT G-A119 Dietal	1 1 1
B.L. E.C.A. Det. MT3		TSBus 03210003 Intima-media complex thickness	SRT R-41D41 Measured						+ + + + + + + + + + + + + + + + + + + +
B.L. E.C.A. Det. MT3									
B.I.LECA_Dist_SAreaReaments ST G-0366 Vessel Lumen Control Area SRT R-41011 Measured SRT R-45000 Antery of Neck SRT G-4101 Left SRT R-45200 External Carold Area SRT G-4101 Left SRT									
B.L. ECA Dist. SAreaReacidad SRT T.45005 Antery of Neck SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT G.40500 Antery of Neck SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT G.40500 Antery of Neck SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4101 Left SRT G.40500 Antery of Neck SRT G.4101 Left SRT T.45200 External Carolid Antery SRT G.4010 Left SRT G.40500 Antery of Neck SRT G.4010 Left SRT T.45200 External Carolid Antery SRT G.4010 Left SRT G.40500 Antery of Neck SRT G.4010 Left SRT T.45200 External Carolid Antery SRT G.4010 Left SRT G.40500 Antery of Neck SRT G.4010 Left SRT T.45200 External Carolid Antery SRT G.4010 Left SRT G.40500 Antery of Neck SRT G.4010 Left SRT T.45200 External Carolid Antery SRT G.4010 Left SRT G.40500 Complex SRT SRT SRT SRT SRT SRT SRT SRT SRT									
B. I. E.C.A. Dats SDattumen	B Lt ECA Dist SAreaResidual		SRT R-41D41 Measured				SRT G-A101 Left	SRT G-A119 Distal	
B. I. E.C.A. Repre Dist SNM M-02550 Sameter SRT R-410H Measured SRT R-4500 Antery of Neck SRT G-410T Left SRT T-4520 External Carolid Artery SRT G-410T Left SRT G-450F SRT G-410T Left SRT G-450F SRT G-450F Left SRT G-450F									
B. I. E. C. Rope Dist SMM3 M-02550 Dameter SRT R-410H Measured SRT R-4500 Antery of Neck SRT G-410T Left SRT T-4520 External Carolid Artery SRT G-410T Left SRT G-036A Origin of vessel SRT G-036A Origin of vessel SRT G-036A Origin of vessel SRT G-036A Origin of vessel SRT G-036A Origin of vessel									1
St. LECA Repne MT2 St. Leca Repne MT3 St. Leca Repne MT4 St. Leca Repne MT5 St. Lec									1
S.L. E.C.A. Rope, MT2	B It ECA Repre IMT1								
St. E.C.A. Repre. MT3 Silva Sizva Si									
B. I. E. C. Repre SArealesulame SRT G-9.96 Vessel Lumen (cons-Sectional Area SRT R-410H Measured SRT 145005 Anney of Neck SRT G-410T Left SRT T-42500 External Carold Artery SRT G-410T Left SRT G-9.06 Neck SRT G-9.06 Neck SRT G-9.07 Left SRT G-9.06 Neck SRT G-9.07 Left SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.07 Left SRT G-9.08 Neck SRT G-9.0									
S. H. E. C. Repre, S. Aresifesidad TSBus 032/10000 Vessel Residual Area SRT R-4/1041 Measured SRT T-45005 Artery of Neck SRT G-4/101 Left SRT G-4/203 C. Area C. A						OTT 1 40200 External ourona 7 mory			
B. I. E.C.A. Repres SDiet. Rushing SDiet. Revision SPRT G. 40.084 Vassel Lumen Dameter SPRT R. 4.10.011 Measured SPRT 1.45000 Attempt of Neck SPRT G. 4.10.01 Left SPRT T. 4.2500 External Carolid Artery SPRT G. 4.10.01 Left SPRT G. 4.0.01 Left SPRT G. 4									
B. I. E. C. Appre SDistResidual TSBus G3210008 Vessel Residual Diameter SRT R-41D41 Measured SRT T-45005 Antery of Neck SRT G-4101 Left SRT T-45205 External Carolid Artery SRT G-4101 Left SRT G-408 Origin of vessel									
E.L. Subc. Repre. Dist									
S. Li. Subc. Repre. MT1 TSBus 03210003 intima-media complex thickness SRT R-41D41 Measured SRT T-45005 Antery of Neck SRT G-4101 Left SRT T-46100 Subclavian Artery SRT G-4101 Left SRT G-406 Origin of vessel									
B_LL_Subc_Repre_IMT2 TSBus 03210003 Intima-media complex thickness SRT R-41D41 Measured SRT T-45005 Anery of Neck SRT G-A101 Left SRT T-46100 Subclavian Artery SRT G-A101 Left SRT									1
B_LI_Subc_Repre_IMT3 TSBus 03210003 Intima-media complex thickness SRT R-41D41 Measured SRT T-45005 Artery of Neck SRT G-A101 Left SRT T-46100 Subclavian Artery SRT G-A101 Left SRT G-036A Origin of vessel	D_LL_GUIDC_REPIE_IWI II					SPT T-46100 Subclavian Artes:			
	B_Lt_Subc_Repre_IM13 B_Lt_Subc_Repre_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured SRT R-41D41 Measured			SRT T-46100 Subclavian Artery SRT T-46100 Subclavian Artery	SRT G-A101 Left	SRT G-036A Origin of vessel SRT G-036A Origin of vessel	1 1 1

				DICOM SR Representation	ns			
Toshiba Identifiers Label	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Measurement	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Derivation	TID (5103) VASCULAR ULTRASOUND SECTION Finding Site	TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$AnatomyGroup	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Vessel Branch	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Topographical Modifier	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Cardiac Phase
D. I. Outo David Charles	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM
B_Lt_Subc_Repre_SAreaResidual B_Lt_Subc_Repre_SDistLumen	TSBus 0321000A Vessel Residual Area SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A101 Left SRT G-A101 Left	SRT T-46100 Subclavian Artery SRT T-46100 Subclavian Artery	SRT G-A101 Left SRT G-A101 Left	SRT G-036A Origin of vessel SRT G-036A Origin of vessel	
B_Lt_Subc_Repre_SDistResidual	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured		SRT G-A101 Left	SRT T-46100 Subclavian Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_Dist	SNM3 M-02550 Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A101 Left	SRT T-45700 Vertebral Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_IMT1	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A101 Left	SRT T-45700 Vertebral Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_IMT2	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A101 Left	SRT T-45700 Vertebral Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_IMT3	TSBus 03210003 intima-media complex thickness	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A101 Left	SRT T-45700 Vertebral Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_SAreaLumen	SRT G-0366 Vessel Lumen Cross-Sectional Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_SAreaResidual	TSBus 0321000A Vessel Residual Area	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_SDistLumen	SRT G-0364 Vessel Lumen Diameter	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
B_Lt_Vert_Repre_SDistResidual D_Rt_CCA_Prox_PSVel	TSBus 0321000B Vessel Residual Diameter	SRT R-41D41 Measured SRT R-10260 Estimated			SRT T-45700 Vertebral Artery SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
D Rt CCA Prox FDVel	LN 11726-7 Peak Systolic Velocity IN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated SRT R-10260 Estimated	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A118 Proximal SRT G-A118 Proximal	
D Rt CCA Prox Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D Rt CCA Prox Vtrace Vmin	IN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D Rt CCA Prox Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_CCA_Prox_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_CCA_Prox_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_CCA_Prox_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	SRT F-32011 End Diastole
D_Rt_CCA_Prox_Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	SRT F-32011 End Diastole
D_Rt_CCA_Prox_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_CCA_Prox_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_CCA_Prox_Vtrace S/D D_Rt_CCA_Mid_PSVel	LN 12144-2 Systolic to Diastolic Velocity Ratio	SRT R-41D41 Measured SRT R-10260 Estimated		SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal SRT G-A188 Mid-longitudinal	
D Rt CCA Mid EDVel	LN 11726-7 Peak Systolic Velocity LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated SRT R-10260 Estimated	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_EDVel D_Rt_CCA_Mid_Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-10260 Estimated SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity		SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	SRT F-32011 End Diastole
D_Rt_CCA_Mid_Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	SRT F-32011 End Diastole
D_Rt_CCA_Mid_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_CCA_Mid_Vtrace S/D	LN 12144-2 Systolic to Diastolic Velocity Ratio LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured SRT R-10260 Estimated	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A119 Distal	
D_Rt_CCA_Dist_PSVel D_Rt_CCA_Dist_EDVel	LN 11726-7 Peak Systolic Velocity LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A119 Distal	
D Rt CCA Dist Vtrace Vmax	IN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured	SRT T-45005 Aftery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_CCA_Dist_Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_CCA_Dist_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_CCA_Dist_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_CCA_Dist_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity	SRT R-00355 Point source measurement *2	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_CCA_Dist_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	SRT F-32011 End Diastole
D_Rt_CCA_Dist_Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	SRT F-32011 End Diastole
D_Rt_CCA_Dist_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_CCA_Dist_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_CCA_Dist_Vtrace S/D D_Rt_CCA_Repre_PSVel	LN 12144-2 Systolic to Diastolic Velocity Ratio LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured SRT R-10260 Estimated	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A119 Distal SRT G-036A Origin of vessel	
D Rt CCA Repre EDVel	LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D Rt CCA Repre Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-10260 Estimated SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_CCA_Repre_Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_CCA_Repre_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_CCA_Repre_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_CCA_Repre_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity	SRT R-00355 Point source measurement *2	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_CCA_Repre_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	SRT F-32011 End Diastole
D_Rt_CCA_Repre_Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	SRT F-32011 End Diastole
D_Rt_CCA_Repre_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_CCA_Repre_Vtrace RI (Vmin) D_Rt_CCA_Repre_Vtrace_S/D	LN 12023-8 Resistivity Index LN 12144-2 Systolic to Diastolic Velocity Ratio	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_CCA_Repre_Vtrace S/D D Rt_ICA_Prox_PSVel	and the second s		SRT T-45005 Artery of Neck			SRT G-A100 Right SRT G-A100 Right	a agaeaee.	+ + + - +
D_Rt_ICA_Prox_EDVel	LN 11726-7 Peak Systolic Velocity LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A118 Proximal	+ + +
D Rt ICA Prox Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D Rt ICA Prox Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D Rt ICA Prox Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	1
D_Rt_ICA_Prox_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ICA_Prox_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity		SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ICA_Prox_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	SRT F-32011 End Diastole
D_Rt_ICA_Prox_Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured			SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	SRT F-32011 End Diastole
D_Rt_ICA_Prox_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ICA_Prox_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ICA_Prox_Vtrace S/D	LN 12144-2 Systolic to Diastolic Velocity Ratio	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	

^{*1, *2:} Please contact Toshiba service in your region, if you require this SR Modifier.

				DICOM SR Representation	ns			
Toshiba Identifiers Label	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Measurement	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Derivation	TID (5103) VASCULAR ULTRASOUND SECTION Finding Site	TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$AnatomyGroup	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Vessel Branch	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Topographical Modifier	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Cardiac Phase
D. D. 104 Mid DOVAL	CSD CV CM	CSD CV CM		CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM	CSD CV CM
D_Rt_ICA_Mid_PSVel D_Rt_ICA_Mid_EDVel	LN 11726-7 Peak Systolic Velocity LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A188 Mid-longitudinal	
D_Rt_ICA_Mid_Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D Rt ICA Mid Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ICA_Mid_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ICA_Mid_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ICA_Mid_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity		SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ICA_Mid_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	SRT F-32011 End Diastole
D_Rt_ICA_Mid_Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	SRT F-32011 End Diastole
D_Rt_ICA_Mid_Vtrace PI (Vmin) D_Rt_ICA_Mid_Vtrace RI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A188 Mid-longitudinal	
		SRT R-41D41 Measured SRT R-41D41 Measured			SRT T-45300 Internal Carotid Artery	SRT G-A100 Right		
D_Rt_ICA_Mid_Vtrace S/D D_Rt_ICA_Dist_PSVel	LN 12144-2 Systolic to Diastolic Velocity Ratio LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured SRT R-10260 Estimated	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A119 Distal	
D Rt ICA Dist EDVel	LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D Rt ICA Dist Vtrace Vmax	I.N. 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D Rt ICA Dist Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ICA_Dist_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ICA_Dist_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ICA_Dist_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity	SRT R-00355 Point source measurement *2	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ICA_Dist_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	SRT F-32011 End Diastole
D_Rt_ICA_Dist_Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	SRT F-32011 End Diastole
D_Rt_ICA_Dist_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ICA_Dist_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ICA_Dist_Vtrace S/D	LN 12144-2 Systolic to Diastolic Velocity Ratio	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ICA_Repre_PSVel	LN 11726-7 Peak Systolic Velocity	SRT R-10260 Estimated SRT R-10260 Estimated	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_ICA_Repre_EDVel	LN 11653-3 End Diastolic Velocity		Orti 1 40000 Pilitory Or 1400K		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_ICA_Repre_Vtrace Vmax D_Rt_ICA_Repre_Vtrace Vmin	LN 11726-7 Peak Systolic Velocity LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-036A Origin of vessel	-
D_Rt_ICA_Repre_Vtrace Vmin D_Rt_ICA_Repre_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel SRT G-036A Origin of vessel	
D_Rt_ICA_Repre_Vtrace Vmean	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_ICA_Repre_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity	SRT R-00355 Point source measurement *2			SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_ICA_Repre_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	SRT F-32011 End Diastole
D Rt ICA Repre Vtrace RI (Ved)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	SRT F-32011 End Diastole
D_Rt_ICA_Repre_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_ICA_Repre_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_ICA_Repre_Vtrace S/D	LN 12144-2 Systolic to Diastolic Velocity Ratio	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45300 Internal Carotid Artery	SRT G-A100 Right	SRT G-036A Origin of vessel	
D_Rt_ECA_Prox_PSVel	LN 11726-7 Peak Systolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ECA_Prox_EDVel	LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ECA_Prox_Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ECA_Prox_Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity IN 11653-3 End Diastolic Velocity	SICI IC-41D-41 INIEdSUIEU	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal SRT G-A118 Proximal	
D_Rt_ECA_Prox_Vtrace Ved D_Rt_ECA_Prox_Vtrace Vmean		SRT R-41D41 Measured SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right SRT G-A100 Right		
D_Rt_ECA_Prox_Vtrace Vm_ean	LN 20352-1 Mean Velocity LN 20352-1 Time averaged mean velocity		SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal SRT G-A118 Proximal	
D_Rt_ECA_Prox_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	SRT F-32011 End Diastole
D_Rt_ECA_Prox_Vtrace RI (Ved)	LN 12003-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	SRT F-32011 End Diastole
D_Rt_ECA_Prox_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	DICT DEDTT ETG DIGGGG
D_Rt_ECA_Prox_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ECA_Prox_Vtrace S/D	LN 12144-2 Systolic to Diastolic Velocity Ratio	SRT R-41D41 Measured		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A118 Proximal	
D_Rt_ECA_Mid_PSVel	LN 11726-7 Peak Systolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ECA_Mid_EDVel	LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated		SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ECA_Mid_Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ECA_Mid_Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ECA_Mid_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRI G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ECA_Mid_Vtrace Vmean D_Rt_ECA_Mid_Vtrace Vm_mean	LN 20352-1 Mean Velocity LN 20352-1 Time averaged mean velocity	SRT R-00353 Peak to peak *1 SRT R-00355 Point source measurement *2			SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A188 Mid-longitudinal SRT G-A188 Mid-longitudinal	
D Rt ECA Mid Vtrace Vm_mean D Rt ECA Mid Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured		SRT G-A100 Right SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right SRT G-A100 Right	SRT G-A188 Mid-longitudinal	SRT F-32011 End Diastole
D Rt ECA Mid Vtrace RI (Ved)	LN 12003-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	SRT F-32011 End Diastole
D Rt ECA Mid Vtrace PI (Vmin)	IN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	ST. 1-52011 Elia DidStole
D_Rt_ECA_Mid_Vtrace RI (Vmin)	LN 12023-8 Resistivity Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	1 1 1
D_Rt_ECA_Mid_Vtrace S/D	LN 12144-2 Systolic to Diastolic Velocity Ratio	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A188 Mid-longitudinal	
D_Rt_ECA_Dist_PSVel	LN 11726-7 Peak Systolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ECA_Dist_EDVel	LN 11653-3 End Diastolic Velocity	SRT R-10260 Estimated	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ECA_Dist_Vtrace Vmax	LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ECA_Dist_Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ECA_Dist_Vtrace Ved	LN 11653-3 End Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
	LN 20352-1 Mean Velocity	SRT R-00353 Peak to peak *1	SRT T-45005 Artery of Neck	SRT IG-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	
D_Rt_ECA_Dist_Vtrace Vmean								
D_Rt_ECA_Dist_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity	SRT R-00355 Point source measurement *2	SRT T-45005 Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	ODT FORMA FEEDINGS
D_Rt_ECA_Dist_Vtrace Vm_mean D_Rt_ECA_Dist_Vtrace PI (Ved)	LN 20352-1 Time averaged mean velocity LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT G-A119 Distal	SRT F-32011 End Diastole
D_Rt_ECA_Dist_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity		SRT T-45005 Artery of Neck	SRT G-A100 Right SRT G-A100 Right SRT G-A100 Right	SRT T-45200 External Carotid Artery			SRT F-32011 End Diastole SRT F-32011 End Diastole

^{*1, *2:} Please contact Toshiba service in your region, if you require this SR Modifier.

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Toshiba Identifiers Label	(, , , , , , , , , , , , , , , , , , ,	JLAR ULTRASOUND MEASUREMENT GROUP \$Measurement	ME	VASCULAR ULTRASOUND SUREMENT GROUP \$Derivation	UL	TRASOUI		TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$AnatomyGroup	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Vessel Branch		TRASOUN G Topograp) VASCULAR D MEASUREMENT ROUP hical Modifier	ULTRA	O (5104) VASCULAR SOUND MEASUREMENT GROUP Cardiac Phase
B B B B B B B B B B B B B B B B B B B	CSD CV	СМ	CSD CV	CM		CV	CM	CSD CV CM	CSD CV CM	CSD CV CM		CV	CM	CSD	CV CM
D_Rt_ECA_Dist_Vtrace S/D D_Rt_ECA_Repre_PSVel	LN 12144-2 I N 11726-7	Systolic to Diastolic Velocity Ratio Peak Systolic Velocity	SRT R-41D4		SRT		Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right SRT G-A100 Right		G-A119	Distal Origin of vessel	1	
D Rt ECA Repre EDVel	LN 11653-3	End Diastolic Velocity	SRT R-1026	Lotimatou	SRT		Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	011	G-036A	Origin of vessel	-	
D_Rt_ECA_Repre_Vtrace Vmax	LN 11726-7	Peak Systolic Velocity	SRT R-41D4		SRT			SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT		Origin of vessel		
D_Rt_ECA_Repre_Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D4		SRT		Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT		Origin of vessel		
D_Rt_ECA_Repre_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D4		SRT		Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT		Origin of vessel		
D_Rt_ECA_Repre_Vtrace Vmean	LN 20352-1	Mean Velocity	SRT R-0035						SRT T-45200 External Carotid Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_ECA_Repre_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity	SRT R-0035						SRT T-45200 External Carotid Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_ECA_Repre_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D4				Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A100 Right		G-036A	Origin of vessel		-32011 End Diastole
D_Rt_ECA_Repre_Vtrace RI (Ved)	LN 12023-8	Resistivity Index	SRT R-41D4		SRT				SRT T-45200 External Carotid Artery	SRT G-A100 Right		G-036A	Origin of vessel	SRT F	-32011 End Diastole
D_Rt_ECA_Repre_Vtrace PI (Vmin)	LN 12008-9 LN 12023-8	Pulsatility Index	SRT R-41D4 SRT R-41D4		SRT		Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT	G-036A G-036A	Origin of vessel		
D_Rt_ECA_Repre_Vtrace RI (Vmin) D_Rt_ECA_Repre_Vtrace S/D	LN 12023-8 I N 12144-2	Resistivity Index Systolic to Diastolic Velocity Ratio	SRT R-41D4		SRT		Artery of Neck	SRT G-A100 Right	SRT T-45200 External Carotid Artery SRT T-45200 External Carotid Artery	SRT G-A100 Right	SRT		Origin of vessel		
D_Rt_Subc_Repre_PSVel	LN 11726-7	Peak Systolic Velocity	SRT R-1026		SRT				SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Subc_Repre_EDVel	IN 11653-3	End Diastolic Velocity	SRT R-1026		SRT				SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A	Origin of vessel	_	
D_Rt_Subc_Repre_Vtrace Vmax	LN 11726-7	Peak Systolic Velocity	SRT R-41D4					SRT G-A100 Right	SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A	Origin of vessel	1 1	
D_Rt_Subc_Repre_Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D4		SRT				SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Subc_Repre_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D4	Measured	SRT	T-45005	Artery of Neck		SRT T-46100 Subclavian Artery	SRT G-A100 Right	SRT	G-036A	Origin of vessel		
D_Rt_Subc_Repre_Vtrace Vmean	LN 20352-1	Mean Velocity	SRT R-0035				Artery of Neck		SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Subc_Repre_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity	SRT R-0035						SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Subc_Repre_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D4		SRT		Artery of Neck	SRT G-A100 Right	SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A	Origin of vessel		F-32011 End Diastole
D_Rt_Subc_Repre_Vtrace RI (Ved)	LN 12023-8	Resistivity Index	SRT R-41D4		SRT		Artery of Neck	SRT G-A100 Right	SRT T-46100 Subclavian Artery	SRT G-A100 Right	SRT		Origin of vessel	SRT F	-32011 End Diastole
D_Rt_Subc_Repre_Vtrace PI (Vmin)	LN 12008-9 LN 12023-8	Pulsatility Index Resistivity Index	SRT R-41D4	Measured Measured					SRT T-46100 Subclavian Artery SRT T-46100 Subclavian Artery	SRT G-A100 Right		G-036A G-036A	Origin of vessel		
D_Rt_Subc_Repre_Vtrace RI (Vmin) D_Rt_Subc_Repre_Vtrace S/D	LN 12023-8 I N 12144-2	Systolic to Diastolic Velocity Ratio	SRT R-41D4		SRI				SRT T-46100 Subclavian Artery SRT T-46100 Subclavian Artery	SRT G-A100 Right SRT G-A100 Right		G-036A G-036A	Origin of vessel		
D_Rt_Vert_Repre_PSVel	LN 11726-7	Peak Systolic Velocity	SRT R-1026		SRT		Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Vert_Repre_EDVel	IN 11653-3	End Diastolic Velocity	SRT R-1026		ő				SRT T-45700 Vertebral Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Vert_Repre_Vtrace Vmax	LN 11726-7	Peak Systolic Velocity	SRT R-41D4	Measured	SRT				SRT T-45700 Vertebral Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Vert_Repre_Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D4	Measured	SRT		Artery of Neck	SRT G-A100 Right	SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT	G-036A	Origin of vessel		
D_Rt_Vert_Repre_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D4	Measured	SRT	T-45005	Artery of Neck	SRT G-A100 Right	SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT	G-036A	Origin of vessel		
D_Rt_Vert_Repre_Vtrace Vmean	LN 20352-1	Mean Velocity	SRT R-0035		SRT		Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT		Origin of vessel		
D_Rt_Vert_Repre_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity	SRT R-0035						SRT T-45700 Vertebral Artery	SRT G-A100 Right		G-036A	Origin of vessel		
D_Rt_Vert_Repre_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D4						SRT T-45700 Vertebral Artery	SRT G-A100 Right		G-036A	Origin of vessel		-32011 End Diastole
D_Rt_Vert_Repre_Vtrace RI (Ved)	LN 12023-8	Resistivity Index	SRT R-41D4 SRT R-41D4		SRT		Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A100 Right		G-036A	Origin of vessel	SRT I	-32011 End Diastole
D_Rt_Vert_Repre_Vtrace PI (Vmin)	LN 12008-9 LN 12023-8	Pulsatility Index Resistivity Index	SRT R-41D4		0111	1 40000			SRT T-45700 Vertebral Artery SRT T-45700 Vertebral Artery	SRT G-A100 Right		G-036A G-036A	Origin of vessel		
D_Rt_Vert_Repre_Vtrace RI (Vmin) D_Rt_Vert_Repre_Vtrace S/D	LN 12023-8 I N 12144-2	Systolic to Diastolic Velocity Ratio	SRT R-41D4		SRT		Artery of Neck		SRT T-45700 Vertebral Artery	SRT G-A100 Right	SRT		Origin of vessel Origin of vessel	1	
D_tt_CCA_Prox_PSVel	IN 11726-7	Peak Systolic Velocity	SRT R-1026		SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT		Proximal	1	
D Lt CCA Prox EDVel	LN 11653-3	End Diastolic Velocity	SRT R-1026				Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A118	Proximal		
D_Lt_CCA_Prox_Vtrace Vmax	LN 11726-7	Peak Systolic Velocity	SRT R-41D4		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A118	Proximal		
D_Lt_CCA_Prox_Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D4	Measured	SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT	G-A118	Proximal		
D_Lt_CCA_Prox_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D4	Measured			Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT	G-A118	Proximal		
D_Lt_CCA_Prox_Vtrace Vmean	LN 20352-1	Mean Velocity	SRT R-0035				Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A118	Proximal		
D_Lt_CCA_Prox_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity		Point source measurement *2						SRT G-A101 Left		G-A118	Proximal		
D_Lt_CCA_Prox_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D4		SRT				SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A118	Proximal		-32011 End Diastole
D_Lt_CCA_Prox_Vtrace RI (Ved)	LN 12023-8	Resistivity Index	SRT R-41D4		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT		Proximal	SRT F	-32011 End Diastole
D_Lt_CCA_Prox_Vtrace PI (Vmin) D_Lt_CCA_Prox_Vtrace RI (Vmin)	LN 12008-9 LN 12023-8	Pulsatility Index Resistivity Index	SRT R-41D4		SRT		Artery of Neck Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT		Proximal Proximal	-	
D_Lt_CCA_Prox_Vtrace RI (Vmin) D_Lt_CCA_Prox_Vtrace S/D	LN 12023-8 LN 12144-2	Systolic to Diastolic Velocity Ratio	SRT R-41D4						SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A118 G-A118	Proximal Proximal	\vdash	
D Lt CCA Mid PSVel	LN 12144-2 LN 11726-7	Peak Systolic Velocity	SRT R-1026		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal	1 1	
D Lt CCA Mid EDVel	LN 11653-3	End Diastolic Velocity	SRT R-1026				Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal		
D_Lt_CCA_Mid_Vtrace Vmax	LN 11726-7	Peak Systolic Velocity	SRT R-41D4		SRT			SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal	1 1	
D_Lt_CCA_Mid_Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D4		SRT			SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT	G-A188			
D_Lt_CCA_Mid_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D4		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal		
D_Lt_CCA_Mid_Vtrace Vmean	LN 20352-1	Mean Velocity	SRT R-0035		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal		
D_Lt_CCA_Mid_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity	SRT R-0035				Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal		
D_Lt_CCA_Mid_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D4						SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal		F-32011 End Diastole
D_Lt_CCA_Mid_Vtrace RI (Ved)	LN 12023-8	Resistivity Index	SRT R-41D4		SRT				SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188		SRT F	-32011 End Diastole
D_Lt_CCA_Mid_Vtrace PI (Vmin)	LN 12008-9	Pulsatility Index	SRT R-41D4		SRT				SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal	1	
D_Lt_CCA_Mid_Vtrace RI (Vmin) D_Lt_CCA_Mid_Vtrace S/D	LN 12023-8 I N 12144-2	Resistivity Index Systolic to Diastolic Velocity Ratio	SRT R-41D4		SRT		Artery of Neck		SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal Mid-longitudinal	-	
D_t_CCA_Mid_Vtrace S/D D_tt_CCA_Dist_PSVel	LN 12144-2 IN 11726-7	Peak Systolic Velocity Ratio	SRT R-41D4		SRT		Artery of Neck		SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT	G-A188 G-A119	Mid-longitudinal Distal	1	
D Lt CCA Dist EDVel	LN 11653-3	End Diastolic Velocity	SRT R-1026		SRT	1 40000	Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT		Distal	1	
D Lt CCA Dist Vtrace Vmax	LN 11726-7	Peak Systolic Velocity	SRT R-41D4		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT		Distal	1 -	
D Lt CCA Dist Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D4		SRT		Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT		Distal		
D Lt_CCA_Dist_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D4		SRT				SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT	G-A119	Distal		
D_Lt_CCA_Dist_Vtrace Vmean	LN 20352-1	Mean Velocity	SRT R-0035	Peak to peak *1	SRT			SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT	G-A119	Distal		
D_Lt_CCA_Dist_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity	SRT R-0035				Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A119	Distal		
D_Lt_CCA_Dist_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D4				Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A119	Distal		-32011 End Diastole
D_Lt_CCA_Dist_Vtrace RI (Ved)	LN 12023-8	Resistivity Index	SRT R-41D4		SRT			SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A119	Distal	SRT F	F-32011 End Diastole
D_Lt_CCA_Dist_Vtrace PI (Vmin)	LN 12008-9	Pulsatility Index	SRT R-41D4	Measured	SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT	G-A119	Distal	ı T	

^{*1, *2:} Please contact Toshiba service in your region, if you require this SR Modifier.

								DICOM SR Representation	ns							
Toshiba Identifiers Label	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP SMeasurement CSD CV CM			VASCULAR ULTRASOUND ASUREMENT GROUP \$Derivation		TRASOU	VASCULAR ND SECTION ng Site	TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$AnatomyGroup	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Vessel Branch	ULT	FRASOUN G	N VASCULAR D MEASUREMENT GROUP Dhical Modifier		ID (5104) V ASOUND M GRO Cardiac	MEASUREMENT
			CSD CV			CV		CSD CV CM	CSD CV CM	CSD CV CM		CV		CSD	CV	CM
D_Lt_CCA_Dist_Vtrace RI (Vmin)	LN 12023-8	Resistivity Index	SRT R-41D		SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-A119 G-A119	Distal Distal	1		
D_Lt_CCA_Dist_Vtrace S/D D_Lt_CCA_Repre_PSVel	LN 12144-2 IN 11726-7	Systolic to Diastolic Velocity Ratio	SRT R-41D	i iviousurou				SRT G-A101 Left	SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A101 Left				-		
D_Lt_CCA_Repre_PSVel D_Lt_CCA_Repre_EDVel	LN 11/26-7 LN 11653-3	Peak Systolic Velocity End Diastolic Velocity	SRT R-1026		SRI		Artery of Neck Artery of Neck		SRT T-45100 Common Carotid Artery SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel Origin of vessel	-		
D_Lt_CCA_Repre_EDVei D_Lt_CCA_Repre_Vtrace Vmax	IN 11726-7	Peak Systolic Velocity	SRT R-102		0		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel	-		-
D Lt CCA Repre Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D				Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	+		
D_Lt_CCA_Repre_vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	+		
D Lt CCA Repre Vtrace Vmean	LN 20352-1	Mean Velocity	SRT R-003		SRT	T-45005	Arteny of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	-		
D Lt CCA Repre Vtrace Vm mean	IN 20352-1	Time averaged mean velocity	SRT R-003				Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A		+		
D_Lt_CCA_Repre_Vtrace PI (Ved)	IN 12008-9	Pulsatility Index	SRT R-41D		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left	SRT		Origin of vessel	CDT	F-32011	End Diastole
D_Lt_CCA_Repre_Vtrace RI (Ved)	LN 12003-8	Resistivity Index	SRT R-41D		SRT		Artery of Neck		SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	SRT		End Diastole
D_Lt_CCA_Repre_Vtrace PI (Vmin)	LN 12008-9	Pulsatility Index	SRT R-41D		0111			SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	OICI	1-32011	Liid Diastole
D_Lt_CCA_Repre_vtrace RI (Vmin)	IN 12008-9	Resistivity Index	SRT R-41D					SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	+		
D_Lt_CCA_Repre_Vtrace S/D	IN 12144-2	Systolic to Diastolic Velocity Ratio	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45100 Common Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	-		
D_Lt_ICA_Prox_PSVel	LN 11726-7	Peak Systolic Velocity	SRT R-102				Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-030A	Proximal	+		
D_Lt_ICA_Prox_EDVel	LN 11726-7	End Diastolic Velocity	SRT R-102		SRT				SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118		+		
D_Lt_ICA_Prox_EDVel D_Lt_ICA_Prox_Vtrace Vmax	LN 11653-3 LN 11726-7	Peak Systolic Velocity	SRT R-41D					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118		1		
D Lt ICA Prox Vtrace Vmin	IN 11665-7	Minimum Diastolic Velocity	SRT R-41D		SRT		Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118	Proximal	+		
D_Lt_ICA_Prox_Vtrace vmin D_Lt_ICA_Prox_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D		SRT	T-45005		SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT		Proximal	+		
D_Lt_ICA_Prox_Vtrace Ved D_Lt_ICA_Prox_Vtrace Vmean	IN 20352-1	Mean Velocity	SRT R-003		SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT		Proximal	1		
D_Lt_ICA_Prox_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity	SRT R-003					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118	Proximal	+		
D Lt ICA Prox Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D				Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT	G-A118		SRT	F-32011	End Diastole
D It ICA Prox Vtrace RI (Ved)	IN 12003-8	Resistivity Index	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118	Proximal		F-32011	End Diastole
D_Lt_ICA_Prox_Vtrace PI (Vmin)	IN 12008-9	Pulsatility Index	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118		OKI	F-32011	Elia Diastole
D_Lt_ICA_Prox_Vtrace RI (Vmin)	LN 12008-9 LN 12023-8	Resistivity Index	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118		+		
D_Lt_ICA_Prox_Vtrace S/D	LN 12144-2	Systolic to Diastolic Velocity Ratio	SRT R-41D					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left			Proximal	+		
D_Lt_ICA_Plox_vtrace 3/B	LN 11726-7		SRT R-102					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A118		+		
D Lt ICA Mid EDVel	LN 11653-3	Peak Systolic Velocity End Diastolic Velocity	SRT R-102		SRT	T-45005		SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT			+		
D Lt ICA Mid Vtrace Vmax	LN 11653-3 LN 11726-7		SRT R-41D		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188	Mid-longitudinal	-		-
D_Lt_ICA_Mid_vtrace vmix D_Lt_ICA_Mid_vtrace vmin	LN 11665-7	Peak Systolic Velocity Minimum Diastolic Velocity	SRT R-41D				Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188		+		
D_Lt_ICA_Mid_vtrace vmin D_Lt_ICA_Mid_vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D	11 Measured	SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188		+		-
D_Lt_ICA_Mid_vtrace ved D_Lt_ICA_Mid_vtrace Vmean	LN 11653-3 LN 20352-1	Mean Velocity	SRT R-003			T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188		-		-
D Lt ICA Mid Vtrace Vm mean	LN 20352-1	Time averaged mean velocity	SRT R-003						SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188		+		
D_Lt_ICA_Mid_Vtrace VIII_IIIealII D_Lt_ICA_Mid_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188		CDT	F-32011	End Diastole
D_Lt_ICA_Mid_Vtrace RI (Ved)	LN 12008-9 LN 12023-8	Resistivity Index	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188				End Diastole
D_Lt_ICA_Mid_Vtrace PI (Veb)	LN 12008-9		SRT R-41D		0111			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left			Mid-longitudinal	OICI	1-32011	Liiu Diastole
D_Lt_ICA_Mid_Vtrace_RI (Vmin)	IN 12008-9	Pulsatility Index Resistivity Index	SRT R-41D		SRT	T-45005		SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT	G-A188	Mid-longitudinal	+		
D_Lt_ICA_Mid_Vtrace S/D	IN 12144-2	Systolic to Diastolic Velocity Ratio	SRT R-41D		SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A188		+		-
D Lt ICA Dist PSVel	LN 11726-7	Peak Systolic Velocity	SRT R-102				Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		+		
D Lt ICA Dist EDVel	LN 11653-3	End Diastolic Velocity	SRT R-102		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT		Distal	+		
D Lt ICA Dist Vtrace Vmax	IN 11726-7	Peak Systolic Velocity	SRT R-41D			T-45005	Arteny of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		+		
D Lt ICA Dist Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		+		
D_Lt_ICA_Dist_Vtrace Vtriiii	IN 11653-3	End Diastolic Velocity	SRT R-41D						SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		+		
D Lt ICA Dist Vtrace Ved	LN 20352-1	Mean Velocity	SRT R-003						SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		-		1
D_Lt_ICA_Dist_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity		5 Point source measurement *2					SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		+		
D Lt ICA Dist Vtrace PI (Ved)	IN 12008-9	Pulsatility Index	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		SRT	F-32011	End Diastole
D_Lt_ICA_Dist_Vtrace RI (Ved)	LN 12008-9 LN 12023-8	Resistivity Index	SRT R-41D		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119				End Diastole
D_Lt_ICA_Dist_vtrace RI (ved) D_Lt_ICA_Dist_vtrace PI (vmin)	LN 12023-8 LN 12008-9	Pulsatility Index	SRT R-41D		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT		Distal	OR I	1-32011	LITO DIASTOR
D_Lt_ICA_Dist_vtrace PI (vmin) D_Lt_ICA_Dist_vtrace RI (vmin)	LN 12008-9 LN 12023-8	Resistivity Index	SRT R-41D		SRT		Artery of Neck		SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT		Distal	+		
D_Lt_ICA_Dist_vtrace Rt (vmin) D_Lt_ICA_Dist_vtrace S/D	IN 12023-8	Systolic to Diastolic Velocity Ratio	SRT R-41D					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-A119		1		
D_Lt_ICA_Dist_Vtrace S/D D_Lt_ICA_Repre_PSVel	LN 12144-2 LN 11726-7	Peak Systolic Velocity Ratio	SRT R-41D					SRT G-A101 Left SRT G-A101 Left	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A	Origin of vessel	+	 	
D_Lt_ICA_Repre_PSVei D_Lt_ICA_Repre_EDVel	LN 11726-7 LN 11653-3	End Diastolic Velocity	SRT R-102		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel	+		
D_Lt_ICA_Repre_EDVei D_Lt_ICA_Repre_Vtrace Vmax	LN 11053-3 LN 11726-7	Peak Systolic Velocity	SRT R-41D					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel	+		
D_Lt_ICA_Repre_Vtrace Vmin	LN 11726-7 LN 11665-7	Minimum Diastolic Velocity	SRT R-41D					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel	1		-
D_Lt_ICA_Repre_Vtrace Vmin D_Lt_ICA_Repre_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel	+		
D_Lt_ICA_Repre_Vtrace Ved D_Lt_ICA_Repre_Vtrace Vmean		Mean Velocity	SRT R-003		SRT			SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel	+		
D_Lt_ICA_Repre_Vtrace Vm_ean D_Lt_ICA_Repre_Vtrace Vm_mean	LN 20352-1 LN 20352-1	Time averaged mean velocity	SRT R-003					SRT G-A101 Left	SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT		Origin of vessel	1		-
D_Lt_ICA_Repre_Vtrace Vm_mean D_Lt_ICA_Repre_Vtrace PI (Ved)	LN 20352-1 LN 12008-9	Pulsatility Index	SRT R-41D		CDT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A101 Left	SRT		Origin of vessel Origin of vessel	CDT	F-32011	End Diastole
D_Lt_ICA_Repre_Vtrace PI (Ved) D_Lt_ICA_Repre_Vtrace RI (Ved)	LN 12008-9 LN 12023-8	Resistivity Index	SRT R-41D		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel Origin of vessel	ONI		End Diastole End Diastole
	LN 12023-8 LN 12008-9		SRT R-41D	i iviousurou					SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel Origin of vessel	SKI	r-32011	Enu Diastole
D_Lt_ICA_Repre_Vtrace PI (Vmin) D_Lt_ICA_Repre_Vtrace RI (Vmin)		Pulsatility Index	SRI R-41D		SRT		Artery of Neck Artery of Neck	SRT G-A101 Left	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A		1		-
	LN 12023-8 LN 12144-2	Resistivity Index Systolic to Diastolic Velocity Ratio	SRT R-41D		SRT		Artery of Neck	SRT G-A101 Left SRT G-A101 Left	SRT T-45300 Internal Carotid Artery SRT T-45300 Internal Carotid Artery	SRT G-A101 Left		G-036A G-036A	Origin of vessel Origin of vessel	1		
D_Lt_ICA_Repre_Vtrace S/D														-		
D_Lt_ECA_Prox_PSVel	LN 11726-7	Peak Systolic Velocity	SRT R-1026		SRT		Artery of Neck	SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left		G-A118 G-A118		-		
D_Lt_ECA_Prox_EDVel D_It_ECA_Prox_Vtrace_Vmax	LN 11653-3	End Diastolic Velocity Peak Systolic Velocity	SRT R-1026		SRT			SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left				1		+
	LN 11726-7							SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left		G-A118		_	—	
D_Lt_ECA_Prox_Vtrace Vmin	LN 11665-7	Minimum Diastolic Velocity	SRT R-41D		SRT		Artery of Neck		SRT T-45200 External Carotid Artery	SRT G-A101 Left		G-A118		1		+
D_Lt_ECA_Prox_Vtrace Ved	LN 11653-3	End Diastolic Velocity	SRT R-41D		SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left	SRT		Proximal	1		+
D_Lt_ECA_Prox_Vtrace Vmean	LN 20352-1	Mean Velocity				1-45005	Artery of Neck	SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left			Proximal	1		
D_Lt_ECA_Prox_Vtrace Vm_mean	LN 20352-1	Time averaged mean velocity	SRT R-003						SRT T-45200 External Carotid Artery	SRT G-A101 Left		G-A118	Proximal		=	
D_Lt_ECA_Prox_Vtrace PI (Ved)	LN 12008-9	Pulsatility Index	SRT R-41D					SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left		G-A118	Proximal			End Diastole
D_Lt_ECA_Prox_Vtrace RI (Ved)	LN 12023-8	Resistivity Index	SRT R-41D	11 Measured	SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left	SRT	G-A118	Proximal	SRT	F-32011	End Diastole

^{*1, *2:} Please contact Toshiba service in your region, if you require this SR Modifier.

The Principal					DICOM SR Representation	ns			
Company Comp		GROUP \$Measurement	MEASUREMENT GROUP	ULTRASOUND SECTION	ULTRASOUND SECTION TID (300) Measurement Laterality	MEASUREMENT GROUP	ULTRASOUND MEASUREMENT GROUP	ULTRASOUND MEASUREMENT GROUP	ULTRASOUND MEASUREMENT GROUP Cardiac Phase
Column C									CSD CV CM
Column C									
1. Co. Co. Co. Co. Co. Co. Co. Co. Co. Co		Er 12020 0 Intoliotinty Index	Orti It 41541 Inicasarca			OTT 1 40200 External Galotta / Ittoly		OTT OTTION TOXING	
Column C									
St. Co.	D_Lt_ECA_Mid_EDVel				SRT G-A101 Left		SRT G-A101 Left		
Color Colo		LN 11726-7 Peak Systolic Velocity	SRT R-41D41 Measured						
Column C				SRT T-45005 Artery of Neck	SRT G-A101 Left				
Color Colo			OTT TT TO THOUSE GO	Orti 1 40000 Pilitory Or Hook					
Column C									
1. 1. 1. 1. 1. 1. 1. 1.									CDT E 22011 End Disease
Col. Col. M. Wheel (Norm)									
Col. 2016, M. Vinne B (1992) Col. 2016	D Lt ECA Mid Vtrace PI (Ved)								SICI 1-32011 Elid Biastole
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Q. E. P. A. Prop. Sept. Sept. Sept. Sept. Sept.									+
St. Col. C									1 1 1
1 1 1 1 1 1 1 1 1 1		Ere Plastone Velocity							
Fig. Col.									
Question 10 10 10 10 10 10 10 1									SRT F-32011 End Diastole
D. L. P. A. L. Visuar (Prime) M. 1923-24 Searching primes SET P. A. P. P. 1920 Searching primes SET P. A. P. P.									
D. L. C. Age, "Price D. J. C. C. Age, "Price D. J. C. Age, "Pr	D_Lt_ECA_Dist_Vtrace PI (Vmin)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left	SRT G-A119 Distal	
D. L. E. C. Age, Liver D. L. E. C. Age, Li				Orti 1 40000 Pilitory Or Hook					
D. L. E.S. Rept. Vision Nr. 1953 Fort Dassel Vestory ST R-9200 Elemented ST R-	D_Lt_ECA_Dist_Vtrace S/D								
D. L. C. C. A. Tops: Vision 1.77267 Peak System Version									
D. L. E.C. A. Page, "Name Vene D. L. T. T. C. C. C. C. C. C. C. C. C. C. C. C. C.									
Description Description									
D. L. E. C. Pager, Vinese D. 2005-21. How viscoring manual part SPT C. A. 100 Lett	D_Lt_ECA_Repre_Vtrace Vmin		Orti It 41541 Inicasarca						
D. L. E. C. Rope, Visice Vin means J. 203521 Time aeranged mean wallow) SIT A0000 Palsabelly books SIT A4000 Assay of Nect. SIT C. A1011 Lall SIT C. A0000 Cestured Counted Array SIT C. A. A1011 C. A1011 C. A1011 C. A. A1011 C. A. A1011 C. A. A1011 C. A. A1011 C. A1011 C. A. A1011 C. A1									
December December	D_Lt_ECA_Repre_Vtrace Vm_mean	LN 20352-1 Time averaged mean velocity							
D. L. E. C. Repu, Viruse Firm) N. 120008 Set R-1011 Measured Set C. A. 101 M. Set C. A. 10	D_Lt_ECA_Repre_Vtrace PI (Ved)	LN 12008-9 Pulsatility Index	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A101 Left	SRT T-45200 External Carotid Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	SRT F-32011 End Diastole
D. L. E.C.A. Report, Virtue S. Of D. L. E.C.A. Report S. Pitter S. Of D. L. E.C.A. Report S. Pitter S. Of D. L. E.C.A. Report S. Pitter S. Of D. L. E.C.A. Report S. Pitter S. Of D. L. E.C.A. Report S. Pitter S. Of D. L. E.C.A. Report S. Pitter S. Of D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. D. L. E.C.A. Report S. Pitter S. R. E.C.A. Report S. Pitter S. R. E.C.A. Report S. Pitter S. R. E.C.A. Report S. R. E.C.A.									SRT F-32011 End Diastole
D. L. Subs. Report PSV									
D. L. Sube, Report SVed N. 1776-7 Peak Systatic Valcority SRT R-1000 Estimated SRT R-4000 Estimated SRT R-4000 Astroy of Neck SRT G-4010 Luft SRT R-4010 Luft SRT G-4010 Luft									
D.L. Solz, Reprix (EVel D.N 11726-7 460 Section of the Sec									
D.L. State, Reprise Virtice									
D.L. Subst. Repres Virace Vmin N. 11655-7 Minimum Diastrolic Volocity SRT 4-40104 Measured SRT 4-5005 Artery of Neck SRT C-40101 Left SRT T-46100 Subclassina Artery SRT C-40101 Left SRT C-4006A Origin of wessel D.L. Subclassina Artery SRT C-40101 Left SRT T-46100 Subclassina Artery SRT C-40101 Left									
D. I. Sube, Regre, Virace Virace man IN 20352-1 Many Velocity SRT A0033 Peak to pask 1 SRT A0035 Any of Neck SRT A1050 Antery of	D_Lt_Subc_Repre_Vtrace Vmin	LN 11665-7 Minimum Diastolic Velocity	SRT R-41D41 Measured	SRT T-45005 Artery of Neck	SRT G-A101 Left	SRT T-46100 Subclavian Artery	SRT G-A101 Left	SRT G-036A Origin of vessel	
D. L. Sube, Repre, Vince P (Vince) N 20352-1 Time averaged mean valocity SRT R-4005 Artery of Neck SRT G-4010 Left SRT G-4036 Abrigan of vessel D. L. Sube, Repre, Vince P (Vince) N 12023-8 Resistivity Index SRT R-4010 Measured SRT R-4005 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel D. L. Sube, Repre, Vince P (Vincin) N 12023-8 Resistivity Index SRT R-4010 Measured SRT R-4005 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Abrigan of vessel SRT R-4010 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck SRT G-4101 Left SRT G-4036 Artery of Neck									
D. L. Subc. Regre, Virace PI (Viref) N. 12008-9 Visuality Index SRT R-41DH Measured SRT 7-45000 Anney of Neck SRT G-4101 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4001 Left SRT C-4004									
D.L. Subc. Repre Virace Pt (Viraci) N 2022-8 Resistivity Index SRT R-41014 Measured SRT R-45005 Anney of Neck SRT G-41010 Left SRT G-46100 Subclavian Anney SRT SR-4101 Left SRT G-46101									
D. I. Subc. Repre Virace P (17min) I.N 12002-8 Resistishly index SRT R-41014 Measured SRT R-45005 Arrey or Neck SRT G-4010 Left SRT G-4036A Origin of vessel D. I. Subc. Repre Virace R (17min) I.N 12144-2 Systolic to Disatolic velocity Ratio SRT R-41014 Measured SRT R-45005 Arrey or Neck SRT G-4010 Left SRT G-4006 Left SRT									
D. I. Subc. Repre Virace & IV Massured SRT F-45005 Antery of Neck SRT G-4101 Left SRT G-4610 Left SRT G-46									SRT F-32011 End Diastole
D. L. Ver. Repre Virace STD N. 12144-2 Systolic Volocity STR R-10206 Estimated SRT T-45000 Anery of Neck STR G-101 Left SRT T-45700 Verberal Antery SRT G-101 Left SRT G-3638 Origin of wessel D. L. Ver. Repre EVice N. 11653-3 Estimated SRT T-45000 Anery of Neck SRT G-101 Left SRT T-45700 Verberal Antery SRT G-101 Left SRT G-3638 Origin of wessel D. L. Ver. Repre EVice N. 11653-3 Estimated SRT T-45000 Anery of Neck SRT G-101 Left SRT T-45700 Verberal Antery SRT G-101 Left SRT T-45700 Ver									
D.L. Var. Repre EVre D.L. Var. Repre EVre D.L. Var. Repre EVre D.L. Var. Repre Var. Var. Var. Var. Var. Var. Var. Var.									
D. L. Var. Repre. Vitace Vmins									
D.L. Verl, Repre, Varce Verl N. 11665-7 Minimum Disstolic Velocity SRT R-41D11 Measured SRT T-45005 Array of Neck SRT G-4101 Left SRT T-45700 Verlebral Arrary SRT G-4101 Left SRT G-368A Origin of wessel D.L. Verl, Repre, Varce Verl mean N. 20352-1 Mean Velocity SRT R-05053 Peak to peak '1 SRT T-45005 Array of Neck SRT G-4101 Left SRT T-45700 Verlebral Arrary SRT G-4101 Left SRT G-368A Origin of wessel D.L. Verl, Repre, Varce Verl mean N. 20352-1 Time aerraged mean velocity SRT R-00535 Peak to peak '1 SRT T-45005 Array of Neck SRT G-4101 Left SRT T-45700 Verlebral Arrary SRT G-4101 Left SRT T-45700				Orti 1 40000 Pilitory Or Hook					
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^{*1, *2:} Please contact Toshiba service in your region, if you require this SR Modifier.

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MCT Rt. ICA, Dist. StenoD Area %Stenosis Distance - %S Area MCR Rt. ICA. Repre. Sdist %Stenosis Distance - %S Dist MCR, Rt. ICA. Repre. StenoD. Area %Stenosis Distance - %S Area MCR, Rt. ECA, Prox. Sdist %Stenosis Distance - %S Dist MCT, Rt. ECA, Prox. Sdist %Stenosis Distance - %S Dist MCT, Rt. ECA, Prox. StenoD. Area %Stenosis Distance - %S Area	SRT R-101BA SRT R-101BB SRT R-101BA	Lumen Diameter Stenosis		R-41D2D Calculated	SRT	T-45005	Artery of Neck	SRT G-A100 Right	SRT	T-45300	Internal Carotid Artery	SRT	G-A100	Right	SRT	G-A188	Mid-longitudinal		
MCR_Rt_JCA_Repre_Sdist %Stenosis Distance - %S Dist MCR_Rt_JCA_Repre_StenoD_Area %Stenosis Distance - %S Area MCR_Rt_ECA_Prox_Sdist %Stenosis Distance - %S Dist MCT_Rt_ECA_Prox_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BA SRT R-101BA		SRT	R-41D2D Calculated	SRT			SRT G-A100 Right	SRT		Internal Carotid Artery		G-A100			G-A119			
MCR_Rt_ICA_Repre_StenoD_Area %Stenosis Distance - %S Area MCR_Rt_ECA_Prox_Sdist %Stenosis Distance - %S Dist MCT_Rt_ECA_Prox_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BA			R-41D2D Calculated				SRT G-A100 Right			Internal Carotid Artery		G-A100			G-A119	Distal		
MCR_Rt_ECA_Prox_Sdist %Stenosis Distance - %S Dist MCT_Rt_ECA_Prox_StenoD_Area %Stenosis Distance - %S Area			SRT	R-41D2D Calculated	SRT			SRT G-A100 Right	SRT		Internal Carotid Artery		G-A100			G-036A	Origin of vessel		
MCT_Rt_ECA_Prox_StenoD_Area %Stenosis Distance - %S Area			SRT	R-41D2D Calculated	SRT	T-45005		SRT G-A100 Right	SRT		Internal Carotid Artery		G-A100			G-036A	Origin of vessel		
	SRT R-101BB		SRT	R-41D2D Calculated				SRT G-A100 Right	SRT		External Carotid Artery External Carotid Artery		G-A100			G-A118	Proximal Proximal		
	SRT R-101BA		SRT	R-41D2D Calculated				SRT G-A100 Right SRT G-A100 Right	SRT		External Carotid Artery		G-A100			G-A118	Mid-longitudinal	 	
MCT_Rt_ECA_Mid_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BB		SRT	R-41D2D Calculated				SRT G-A100 Right	SRT		External Carotid Artery		G-A100			G-A188	Mid-longitudinal		
MCT_Rt_ECA_Dist_Sdist %Stenosis Distance - %S Dist	SRT R-101BB		SRT	R-41D2D Calculated				SRT G-A100 Right	SRT		External Carotid Artery		G-A100			G-A119			
MCT_Rt_ECA_Dist_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BA		SRT	R-41D2D Calculated	SRT	T-45005	Artery of Neck	SRT G-A100 Right	SRT		External Carotid Artery		G-A100			G-A119	Distal		
MCR_Rt_ECA_Repre_Sdist %Stenosis Distance - %S Dist	SRT R-101BB	Lumen Diameter Stenosis	SRT	R-41D2D Calculated	SRT			SRT G-A100 Right	SRT	T-45200	External Carotid Artery		G-A100		SRT	G-036A	Origin of vessel		
MCR_Rt_ECA_Repre_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BA	Lumen Area Stenosis	SRT	R-41D2D Calculated				SRT G-A100 Right	SRT		External Carotid Artery		G-A100			G-036A	Origin of vessel		
MCT_Rt_Subc_Repre_Sdist %Stenosis Distance - %S Dist	SRT R-101BB		SRT	R-41D2D Calculated	SRT	T-45005	Artery of Neck	SRT G-A100 Right	SRT	T-46100	Subclavian Artery	SRT	G-A100	Right		G-036A	Origin of vessel		
MCT_Rt_Subc_Repre_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BA		SRT	R-41D2D Calculated				SRT G-A100 Right			Subclavian Artery		G-A100			G-036A	Origin of vessel		
MCR_Rt_Vert_Repre_Sdist %Stenosis Distance - %S Dist	SRT R-101BB		SRT	R-41D2D Calculated	SRT			SRT G-A100 Right			Vertebral Artery		G-A100			G-036A	Origin of vessel		
MCR_Rt_Vert_Repre_StenoD_Area %Stenosis Distance - %S Area MCR_Rt_CCA_Prox_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated R-41D2D Calculated	SRT		Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT		Vertebral Artery Common Carotid Artery		G-A100 G-A100			G-036A G-A118	Origin of vessel Proximal		
MCR_Rt_CCA_Mid_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated	SRT			SRT G-A100 Right	SRT		Common Carotid Artery		G-A100			G-A188	Mid-longitudinal		
MCR_Rt_CCA_Dist_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated	SRT			SRT G-A100 Right	SRT		Common Carotid Artery		G-A100			G-A119	Distal		
MCR_Rt_CCA_Repre_Sarea %Stenosis Area	SRT R-101BA	Lumen Area Stenosis	SRT	R-41D2D Calculated	SRT			SRT G-A100 Right	SRT		Common Carotid Artery	SRT	G-A100			G-036A	Origin of vessel		
MCR_Rt_ICA_Prox_Sarea %Stenosis Area	SRT R-101BA	Lumen Area Stenosis	SRT	R-41D2D Calculated	SRT			SRT G-A100 Right	SRT		Internal Carotid Artery	SRT	G-A100			G-A118	Proximal		
MCR_Rt_ICA_Mid_Sarea %Stenosis Area	SRT R-101BA	Lumen Area Stenosis	SRT	R-41D2D Calculated	SRT		Artery of Neck		SRT	T-45300	Internal Carotid Artery		G-A100			G-A188	Mid-longitudinal		
MCR_Rt_ICA_Dist_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated				SRT G-A100 Right	SRT		Internal Carotid Artery		G-A100			G-A119	Distal		
MCR_Rt_ICA_Repre_Sarea %Stenosis Area	SRT R-101BA			R-41D2D Calculated				SRT G-A100 Right	SRT		Internal Carotid Artery		G-A100			G-036A	Origin of vessel		
MCR_Rt_ECA_Prox_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated				SRT G-A100 Right	SRT		External Carotid Artery		G-A100			G-A118	Proximal		
MCR_Rt_ECA_Mid_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated R-41D2D Calculated	SRT			SRT G-A100 Right	SRT		External Carotid Artery		G-A100 G-A100			G-A188 G-A119	Mid-longitudinal Distal		
MCR_Rt_ECA_Dist_Sarea %Stenosis Area MCR_Rt_ECA_Repre_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated	SPT		Artery of Neck	SRT G-A100 Right SRT G-A100 Right	SRT		External Carotid Artery External Carotid Artery		G-A100		SRT	G-036A	Origin of vessel		
MCR_Rt_Subc_Repre_Sarea %Stenosis Area	SRT R-101BA		SRT					SRT G-A100 Right			Subclavian Artery		G-A100			G-036A	Origin of vessel		
MCR_Rt_Vert_Repre_Sarea %Stenosis Area	SRT R-101BA		SRT	R-41D2D Calculated				SRT G-A100 Right	SRT	T-45700	Vertebral Artery		G-A100			G-036A	Origin of vessel		
MCR_Lt_CCA_Prox_IMT meanIMT	TSBus 03210003	intima-media complex thickness	SRT	R-41D2D Calculated				SRT G-A101 Left	SRT		Common Carotid Artery		G-A101			G-A118	Proximal		
MCR_Lt_CCA_Mid_IMT meanIMT	TSBus 03210003		SRT	R-41D2D Calculated				SRT G-A101 Left	SRT	T-45100	Common Carotid Artery	SRT	G-A101	Left	SRT	G-A188	Mid-longitudinal		
MCR_Lt_CCA_Dist_IMT meanIMT	TSBus 03210003		SRT	R-41D2D Calculated	SRT			SRT G-A101 Left	SRT		Common Carotid Artery		G-A101			G-A119	Distal		
MCR_Lt_CCA_Repre_IMT meanIMT	TSBus 03210003		SRT	R-41D2D Calculated	SRT		Artery of Neck	SRT G-A101 Left	SRT		Common Carotid Artery		G-A101		SRT		Origin of vessel		
MCR_Lt_ICA_Prox_IMT meanIMT	TSBus 03210003		SRT	R-41D2D Calculated	SRT	1 40000		SRT G-A101 Left	SRT		Internal Carotid Artery		G-A101			G-A118	Proximal		
MCR_Lt_ICA_Mid_IMT meanIMT MCR_Lt_ICA_Dist_IMT meanIMT	TSBus 03210003 TSBus 03210003		SRT	R-41D2D Calculated	SRT			SRT G-A101 Left	SRT		Internal Carotid Artery		G-A101 G-A101	Left		G-A188 G-A119	Mid-longitudinal		
MCR_Lt_ICA_Dist_IMT meanIMT MCR_Lt_ICA_Repre_IMT meanIMT	TSBus 03210003 TSBus 03210003			R-41D2D Calculated R-41D2D Calculated			Artery of Neck Artery of Neck	SRT G-A101 Left SRT G-A101 Left	SRT		Internal Carotid Artery Internal Carotid Artery		G-A101			G-A119 G-036A	Distal Origin of vessel		
MCR_Lt_ICA_Repre_INT meanIMT MCR_Lt_ECA_Prox_IMT meanIMT	TSBus 03210003			R-41D2D Calculated R-41D2D Calculated				SRT G-A101 Left	SRT		External Carotid Artery		G-A101			G-036A G-A118			
MCR_Lt_ECA_Prox_intT meanIntT MCR_Lt_ECA_Mid_IMT meanIntT	TSBus 03210003		SRT	R-41D2D Calculated	SRT			SRT G-A101 Left	SRT		External Carotid Artery		G-A101			G-A118	Mid-longitudinal		+
MCR_Lt_ECA_INIT_INIT THEATINIT MCR_Lt_ECA_Dist_IMT meanIMT	TSBus 03210003	milita modia complex unolinos	SRT	R-41D2D Calculated	SRT		Artery of Neck		SRT		External Carotid Artery		G-A101			G-A119			
MCR_Lt_ECA_Repre_IMT meanIMT	TSBus 03210003		SRT	R-41D2D Calculated	SRT		Artery of Neck	SRT G-A101 Left	SRT		External Carotid Artery		G-A101		SRT		Origin of vessel		
MCR_Lt_Subc_Repre_IMT meanIMT	TSBus 03210003		SRT	R-41D2D Calculated	SRT	T-45005	Artery of Neck	SRT G-A101 Left	SRT	T-46100	Subclavian Artery	SRT	G-A101	Left	SRT	G-036A	Origin of vessel		
MCR_Lt_Vert_Repre_IMT meanIMT	TSBus 03210003		SRT	R-41D2D Calculated		T-45005	Artery of Neck	SRT G-A101 Left		T-45700	Vertebral Artery	SRT	G-A101	Left		G-036A	Origin of vessel		
MCR_Lt_CCA_Prox_Sdist %Stenosis Distance - %S Dist	SRT R-101BB		SRT	R-41D2D Calculated			Artery of Neck				Common Carotid Artery		G-A101			G-A118	Proximal		
MCT_Lt_CCA_Prox_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BA			R-41D2D Calculated				SRT G-A101 Left	SRT		Common Carotid Artery		G-A101			G-A118	Proximal		
MCT_Lt_CCA_Mid_Sdist %Stenosis Distance - %S Dist	SRT R-101BB	Carrier Diamoter Oteneous	SRT	R-41D2D Calculated	SRT	1 40000	Artery of Neck		SRT		Common Carotid Artery		G-A101			G-A188	Mid-longitudinal		
MCT_Lt_CCA_Mid_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BA	Edition / fied Otoriooid	SRT	R-41D2D Calculated	SRT			SRT G-A101 Left	SRT		Common Carotid Artery		G-A101			G-A188	Mid-longitudinal		
MCT_Lt_CCA_Dist_Sdist %Stenosis Distance - %S Dist MCT_Lt_CCA_Dist_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BB SRT R-101BA		SRT	R-41D2D Calculated R-41D2D Calculated	SRT		Artery of Neck Artery of Neck	SRT G-A101 Left SRT G-A101 Left	SRT		Common Carotid Artery Common Carotid Artery		G-A101 G-A101	Left	SRT		Distal		
MCT_Lt_CCA_Dist_StenoD_Area %Stenosis Distance - %S Area MCR_Lt_CCA_Repre_Sdist %Stenosis Distance - %S Dist	SRT R-101BB		SRI	R-41D2D Calculated	SRT	1 40000	Artery of Neck	SRT G-A101 Left	SRI		Common Carotid Artery Common Carotid Artery		G-A101			G-A119 G-036A	Origin of vessel		+
MCR_Lt_CCA_Repre_StenoD_Area %Stenosis Distance - %S Area	SRT R-101BB		SRT	R-41D2D Calculated				SRT G-A101 Left	SRT	T-45100	Common Carotid Artery		G-A101			G-036A	Origin of vessel		+
MCR Lt ICA Prox Sdist %Stenosis Distance - %S Dist	SRT R-101BB		SRT	R-41D2D Calculated				SRT G-A101 Left			Internal Carotid Artery		G-A101			G-A118			

	DICOM SR Representations																								
Toshiba Identifiers Label	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Measurement		TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$Derivation			TID (5103) VASCULAR ULTRASOUND SECTION Finding Site		TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality		N '''	TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP \$AnatomyGroup			TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Vessel Branch			TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Topographical Modifier			TID (5104) VASCULAR ULTRASOUND MEASUREMENT GROUP Cardiac Phase					
	CSD	CV	CM	CSD	CV	I CM		CSD	CV	I CM	CSD CV		CSE	CV	СМ	CSI	D CV		и с	SD I		CM	CSD	CV	
MCT_Lt_ICA_Prox_StenoD_Area %Stenosis Distance - %S Area	SRT	R-101BA	Lumen Area Stenosis		R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10		SRT	T-45300	Internal Carotid Artery		G-A10		SR	T G-	A118 P	roximal			
MCT_Lt_ICA_Mid_Sdist %Stenosis Distance - %S Dist	SRT	R-101BB	Lumen Diameter Stenosis	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10	l Left	SRT	T-45300	Internal Carotid Artery		G-A10		SR	T G-	A188 N	/lid-longitudinal			
MCT_Lt_ICA_Mid_StenoD_Area %Stenosis Distance - %S Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2	D Calculated				Artery of Neck	SRT G-A10	I Left	SRT	T-45300	Internal Carotid Artery	SRT	G-A10	1 Left		T G-		/lid-longitudinal			
MCT_Lt_ICA_Dist_Sdist %Stenosis Distance - %S Dist	SRT	R-101BB	Lumen Diameter Stenosis	SRT	R-41D2			SRT			SRT G-A10		SRT		Internal Carotid Artery		G-A10			T G-/		Distal			
MCT_Lt_ICA_Dist_StenoD_Area %Stenosis Distance - %S Area	SRT	R-101BA		SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Internal Carotid Artery		G-A10			T G-/		Distal			
MCR_Lt_ICA_Repre_Sdist %Stenosis Distance - %S Dist	SRT	R-101BB	Lumen Diameter Stenosis	SRT	R-41D2			SRT			SRT G-A10		SRT		Internal Carotid Artery		G-A10			T G-(Origin of vessel			
MCR_Lt_ICA_Repre_StenoD_Area %Stenosis Distance - %S Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Internal Carotid Artery		G-A10			T G-0		Origin of vessel			
MCR_Lt_ECA_Prox_Sdist %Stenosis Distance - %S Dist	SRI	R-101BB	Lumen Diameter Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		Proximal			
MCT_Lt_ECA_Prox_StenoD_Area %Stenosis Distance - %S Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		roximal			
MCT_Lt_ECA_Mid_Sdist %Stenosis Distance - %S Dist MCT_Lt_ECA_Mid_StenoD_Area %Stenosis Distance - %S Area	SRT	R-101BB R-101BA	Lumen Diameter Stenosis Lumen Area Stenosis	SRT	R-41D2 R-41D2			SRT	T-45005	Artery of Neck Artery of Neck	SRT G-A10 SRT G-A10		SRT		External Carotid Artery External Carotid Artery		G-A10			T G-/		Mid-longitudinal Mid-longitudinal			
MCT_Lt_ECA_Mid_StenoD_Area %Stenosis Distance - %S Area MCT Lt ECA Dist Sdist %Stenosis Distance - %S Dist	SRT	R-101BA R-101BB	Lumen Diameter Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		viid-iongitudinai Distal			
MCT_Lt_ECA_Dist_Sdist %Stenosis Distance - %S Dist MCT_Lt_ECA_Dist_StenoD_Area %Stenosis Distance - %S Area	SKI	R-101BB	Lumen Area Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		NSTAI Netal	_		
MCR_Lt_ECA_Repre_Sdist %Stenosis Distance - %S Dist	SPT	R-101BB	Lumen Diameter Stenosis	SRT	R-41D2			SRT			SRT G-A10		SRT		External Carotid Artery		G-A10			T G-0		Origin of vessel	+ +		
MCR Lt ECA Repre StenoD Area %Stenosis Distance - %S Area	SRT	R-101BA		SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-0		Origin of vessel	1		
MCT Lt Subc Repre Sdist %Stenosis Distance - %S Dist	SRT	R-101BB	Lumen Diameter Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Subclavian Artery		G-A10			T G-0		Origin of vessel	+		
MCT Lt Subc Repre StenoD Area %Stenosis Distance - %S Area	SRT	R-101BA		SRT	R-41D2			SRT			SRT G-A10		SRT		Subclavian Artery		G-A10			T G-0		Origin of vessel			
MCR Lt Vert Repre Sdist %Stenosis Distance - %S Dist	SRT	R-101BB	Lumen Diameter Stenosis	SRT	R-41D2	D Calculated		SRT		Artery of Neck	SRT G-A10		SRT		Vertebral Artery		G-A10			T G-(Origin of vessel			
MCR Lt Vert Repre StenoD Area %Stenosis Distance - %S Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Vertebral Artery		G-A10			T G-(Origin of vessel			
MCR_Lt_CCA_Prox_Sarea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10	I Left	SRT	T-45100	Common Carotid Artery	SRT	G-A10	1 Left	SR	T G-/	A118 P	Proximal			
MCR_Lt_CCA_Mid_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10		SRT	T-45100	Common Carotid Artery	SRT	G-A10	1 Left	SR	T G-/	A188 N	Mid-longitudinal			
MCR_Lt_CCA_Dist_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10	Left	SRT	T-45100	Common Carotid Artery	SRT	G-A10	1 Left	SR	T G-	A119 E	Distal			
MCR_Lt_CCA_Repre_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10	Left	SRT	T-45100	Common Carotid Artery	SRT	G-A10	1 Left	SR	T G-(036A C	Origin of vessel			
MCR_Lt_ICA_Prox_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10	I Left	SRT	T-45300	Internal Carotid Artery	SRT	G-A10	1 Left	SR	T G-	A118 P	roximal			
MCR_Lt_ICA_Mid_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Internal Carotid Artery	SRT				T G-		/lid-longitudinal			
MCR_Lt_ICA_Dist_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2			SRT	T-45005	Artery of Neck	SRT G-A10		SRT		Internal Carotid Artery		G-A10			T G-/		Distal			
MCR_Lt_ICA_Repre_SArea %Stenosis Area	SRT	R-101BA		SRT	R-41D2					Artery of Neck	SRT G-A10		SRT		Internal Carotid Artery		G-A10			T G-0		Origin of vessel			
MCR_Lt_ECA_Prox_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		Proximal			
MCR_Lt_ECA_Mid_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		/lid-longitudinal			
MCR_Lt_ECA_Dist_SArea %Stenosis Area	SRT	R-101BA	Lumen Area Stenosis		R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		Distal			
MCR_Lt_ECA_Repre_SArea %Stenosis Area MCR_Lt_Subc_Repre_SArea %Stenosis Area	SRT	R-101BA R-101BA	Lumen Area Stenosis Lumen Area Stenosis	SRT	R-41D2 R-41D2			SRT			SRT G-A10 SRT G-A10		SRT		External Carotid Artery Subclavian Artery		G-A10			T G-(036A C	Origin of vessel			
	SRT	R-101BA	Lumen Area Stenosis		R-41D2			SRT			SRT G-A10		SRT		Vertebral Artery					T G-					
MCR_Lt_Vert_Repre_SArea %Stenosis Area MCR Rt CCA SDRatio Prox S/D	SKI	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT		Artery of Neck Artery of Neck	SRT G-A10		SRT		Common Carotid Artery		G-A10	n Leπ 0 Right		T G-/		Origin of vessel Proximal	_		
MCR Rt CCA SDRatio_Flox S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio		R-41D2					Artery of Neck	SRT G-A10		SRT		Common Carotid Artery			0 Right		T G-/		Mid-longitudinal			
MCR Rt CCA SDRatio Dist S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2						SRT G-A10		SRT		Common Carotid Artery			0 Right		T G-/		Nietal	\vdash		
MCR_Rt_CCA_SDRatio_Dist 0/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT			SRT G-A10		SRT		Common Carotid Artery		G-A10			T G-0		Origin of vessel	-		
MCR_Rt_ICA_SDRatio_Prox S/D	IN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Internal Carotid Artery		G-A10			T G-/		Proximal			
MCR Rt ICA SDRatio Mid S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10		SRT	T-45300	Internal Carotid Artery			0 Right	SR	T G-/	A188 N	Mid-longitudinal			
MCR_Rt_ICA_SDRatio_Dist S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10	Right	SRT	T-45300	Internal Carotid Artery			0 Right	SR	T G-/		Distal			
MCR_Rt_ICA_SDRatio_Repre S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2	D Calculated		SRT	T-45005	Artery of Neck	SRT G-A10	Right	SRT	T-45300	Internal Carotid Artery	SRT	G-A10	0 Right	SR	T G-0	036A C	Origin of vessel			
MCR_Rt_ECA_SDRatio_Prox S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2					Artery of Neck	SRT G-A10		SRT	T-45200	External Carotid Artery			0 Right		T G-/		roximal			
MCR_Rt_ECA_SDRatio_Mid S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2	D Calculated			T-45005	Artery of Neck	SRT G-A10		SRT		External Carotid Artery			0 Right		T G-/		/lid-longitudinal			
MCR_Rt_ECA_SDRatio_Dist S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT	T-45005	Artery of Neck	SRT G-A10		SRT		External Carotid Artery			0 Right		T G-/		Distal			
MCR_Rt_ECA_SDRatio_Repre S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT			SRT G-A10		SRT		External Carotid Artery		G-A10			T G-0		Origin of vessel			
MCR_Rt_Subc_SDRatio_Repre S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Subclavian Artery		G-A10			T G-(Origin of vessel			
MCR_Rt_Vert_SDRatio_Repre S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Vertebral Artery			0 Right		T G-0		Origin of vessel			
MCR_Lt_CCA_SDRatio_Prox S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Common Carotid Artery		G-A10			T G-/		roximal			
MCR_Lt_CCA_SDRatio_Mid S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2					Artery of Neck	SRT G-A10		SRT		Common Carotid Artery		G-A10			T G-/		Mid-longitudinal			
MCR_Lt_CCA_SDRatio_Dist S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Common Carotid Artery		G-A10			T G-/		Distal			
MCR_Lt_CCA_SDRatio_Repre S/D	LN	12144-2		SRT	R-41D2			SRT	T-45005	Artery of Neck	SRT G-A10		SRT		Common Carotid Artery		G-A10			T G-0		Origin of vessel			
MCR_Lt_ICA_SDRatio_Prox S/D MCR_Lt_ICA_SDRatio_Mid S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio Systolic to Diastolic Velocity Ratio	SRT	R-41D2 R-41D2			SRT		Artery of Neck Artery of Neck	SRT G-A10 SRT G-A10		SRT		Internal Carotid Artery Internal Carotid Artery		G-A10			T G-/		Proximal Mid-longitudinal	-		-
MCR_Lt_ICA_SDRatio_Mid S/D MCR_Lt_ICA_SDRatio_Dist S/D	LN	12144-2		SRT	R-41D2			SRT	T-45005	Artery of Neck	SRT G-A10 SRT G-A10		SRT		Internal Carotid Artery Internal Carotid Artery		G-A10			I G-/		Aid-longitudinal Distal	-		
MCR_Lt_ICA_SDRatio_Dist S/D MCR_Lt_ICA_SDRatio_Repre S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio Systolic to Diastolic Velocity Ratio		R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		Internal Carotid Artery Internal Carotid Artery		G-A10			I G-/		Distal Drigin of vessel	-		
MCR_Lt_ICA_SDRatio_Repre S/D MCR_Lt_ECA_SDRatio_Prox_S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2					Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		Proximal	+		
MCR_Lt_ECA_SDRatio_Flox S/D MCR_Lt_ECA_SDRatio_Mid S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio		R-41D2			SRT		Artery of Neck			SRT		External Carotid Artery		G-A10			T G-/		Mid-longitudinal	+ +	_	
MCR Lt ECA SDRatio Dist S/D	IN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT		Artery of Neck	SRT G-A10		SRT		External Carotid Artery		G-A10			T G-/		nid-iorigituumai Distal	-		
MCR Lt ECA SDRatio Repre S/D	LN	12144-2	Systolic to Diastolic Velocity Ratio	SRT	R-41D2			SRT			SRT G-A10		SRT		External Carotid Artery		G-A10			T G-0		Origin of vessel			
			Systolic to Diastolic Velocity Ratio	SRT	R-41D2					Artery of Neck			SRT		Subclavian Artery		G-A10			T G-0		Origin of vessel	1		1
MCR Lt Subc SDRatio Repre S/D	LN	12144-2										I Left				ISRT									

	DICOM SR Representations															
Toshiba Identifiers Label		` ´ s	CULAR ULTRASOUND ECTION asurement	TID (5103) VASCULAR ULTRASOUND SECTION Finding Site			TID (5103) VASCULAR ULTRASOUND SECTION TID (300) Measurement Laterality			U	LTRASOL	VASCULAR IND SECTION nt - Finding Site	TID (5103) VASCULAR ULTRASOUND SECTION Topographical Modifier			
	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	CSD	CV	CM	
D_Rt_ICAtoCCA_PSVeIRatio ICA/CCA PS - R	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A100	Right	SRT	T-45005	Artery of Neck	TSBus	03211000	Ratio in PS *3	
D_Rt_ICAtoCCA_EDVelRatio ICA/CCA ED - R	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A100	Right	SRT	T-45005	Artery of Neck	TSBus	03211002	Ratio in ED *4	
D_Rt_ICAtoCCA_VmaxRatio ICA/CCA Vmax - R	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A100	Right	SRT	T-45005	Artery of Neck	TSBus	03211003	Ratio in Vmax *5	
D_Rt_ICAtoCCA_VedRatio ICA/CCA Ved - R	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A100	Right	SRT	T-45005	Artery of Neck	TSBus	03211004	Ratio in Ved *6	
D_Lt_ICAtoCCA_PSVelRatio ICA/CCA PS - L	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A101	Left	SRT	T-45005	Artery of Neck	TSBus	03211000	Ratio in PS *3	
D_Lt_ICAtoCCA_EDVelRatio ICA/CCA ED - L	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A101	Left	SRT	T-45005	Artery of Neck	TSBus	03211002	Ratio in ED *4	
D_Lt_ICAtoCCA_VmaxRatio ICA/CCA Vmax - L	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A101	Left	SRT	T-45005	Artery of Neck	TSBus	03211003	Ratio in Vmax *5	
D_Lt_ICAtoCCA_VedRatio ICA/CCA Ved - L	LN	33868-1	ICA/CCA velocity ratio	SRT	T-45005	Artery of Neck	SRT	G-A101	Left	SRT	T-45005	Artery of Neck	TSBus	03211004	Ratio in Ved *6	

 $^{^*3}$, *4 , *5 , *6 : Please contact Toshiba service in your region, if you require this SR Modifier.

Table 8.1-49
SOP COMMON MODULE OF CREATED ENHANCED SR SOP INSTANCES

Attribute Name	Tag	VR	Value	Presence of Value	Source
Specific Character Set	(0008,0005)	CS	ISO_IR 100	ALWAYS	AUTO
SOP Class UID	(0008,0016)	UI	1.2.840.10008.5.1.4.1.1.88.22	ALWAYS	AUTO
SOP Instance UID	(0008,0018)	UI		ALWAYS	AUTO

8.1.1.10.1 SR Document Content Editor

The system has a function to edit SR Document Contents of the factory setting measurements.

Figure 8.1-3 shows a relationship Toshiba Label and SR modifier as same as **Table 8.1-26** to **Table 8.1-46** for EchoCardiography measurements and **Table 8.1-48** for Vascular measurement.

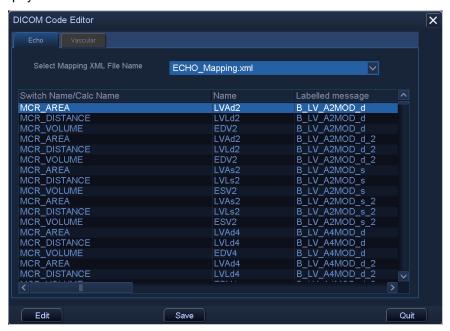


Figure 8.1-3 Factory setting measurements DICOM Code Set window

Once an operator selects the measurement item and click "Edit", the system shows Figure 8.1-4. Then it can be changed SR modifiers.

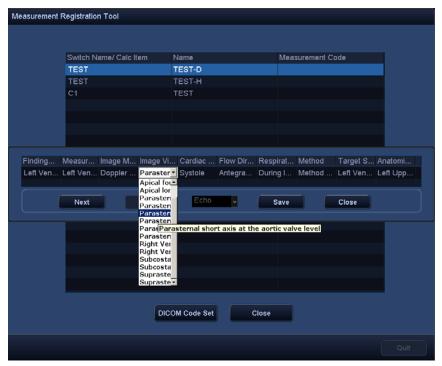


Figure 8.1-4 Factory setting measurements DICOM Code Set window

8.1.1.10.2 User Programmable Measurements DICOM Code Set

The system has the user programmable measurement function, can be registered measurement items corresponding to capabilities for TID 5100 - Vascular Ultrasound Report, TID 5200 – Echocardiography Procedure Report and Toshiba Private SR definitions.

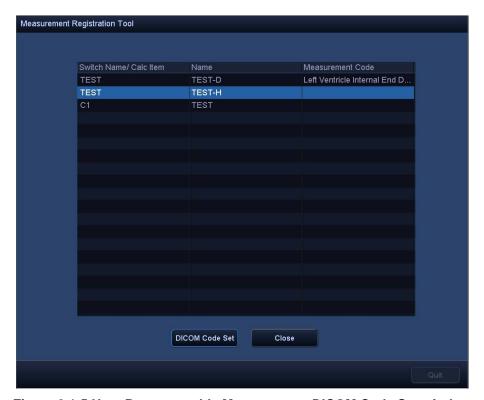


Figure 8.1-5 User Programmable Measurement DICOM Code Set window

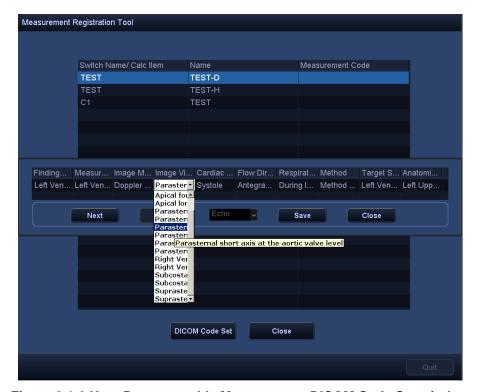


Figure 8.1-6 User Programmable Measurement DICOM Code Set window

8.1.2 Usage of Attributes from received IOD's

No SOP Class specific fields are required.

8.1.3 Attribute Mapping

The relationships between attributes received via Modality Worklist, stored in acquired images and communicated via MPPS are summarized in Table 8.1-50.

Table 8.1-50
ATTRIBUTE MAPPING BETWEEN MODALITY WORKLIST, IMAGE AND MPPS

Modality Worklist	Image IOD	MPPS IOD
		Scheduled Step Attribute Sequence
Study Instance UID	Study Instance UID	>Study Instance UID
Referenced Study Sequence	Referenced Study Sequence	>Referenced Study Sequence
Accession Number	Accession Number	>Accession Number
	Request Attributes Sequence	
Requested Procedure ID	>Requested Procedure ID	>Requested Procedure ID
Scheduled Procedure Step ID	>Scheduled Procedure Step ID	>Scheduled Procedure Step ID
Scheduled Procedure Step Description	>Scheduled Procedure Step Description	>Scheduled Procedure Step Description
Scheduled Protocol Code Sequence	>Scheduled Protocol Code Sequence	
Requested Procedure ID	Study ID	Study ID
	Performed Procedure Step ID	Performed Procedure Step ID
	Performed Procedure Step Description	Performed Procedure Step Description
Requested Procedure Description		
Requested Procedure Code Sequence	Procedure Code Sequence	Procedure Code Sequence

8.1.4 Coerced/Modified Fields

Not applicable.

8.2 DATA DICTIONARY OF PRIVATE ATTRIBUTES

This product reserves private attribute values in the groups 0029 and 7015. The private attributes added to created SOP instances or directory records are listed in **Table 8.1-12**.

8.3 CONTROLLED TERMINOLOGY AND TEMPLATES

Not applicable.

8.4 GRAYSCALE IMAGE CONSISTENCY

Not applicable.

8.5 STANDARD EXTENDED/SPECIALIZED/PRIVATE SOP CLASSES

Not applicable.

8.6 PRIVATE TRANSFER SYNTAXES

Not applicable.