

CLICKVIEW 7i

DICOM Conformance Statement

Worklist Query

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1. Introduction

This is a DICOM conformance statement for Clickview 7i Ultrasound Reporting System.

CLICKVIEW Corporation is the leading provider of innovative Structured Reporting Systems to Perinatal and Radiology professionals. Since its inception in 1988, CLICKVIEW's state of the art database systems have improved the quality of care, streamlined workflow and lowered costs for hundreds of physicians and thousands of patients.

Clickview 7i has the ability to perform a DICOM modality worklist query as a DICOM Service Class User (SCU).

2. Quick Summary

Clickview 7i is a web-based structured reporting and database system for Maternal Fetal Medicine and Radiology.

Clickview has been designed to work in tandem with many different PACS. Technicians and physicians can view images in another browser window while they make their observations and comments in Clickview. This is done by clicking a link that launches an external browser which will open by calling a URL that references a study on the PACS.

In order for the browsers to coordinate with each other, the exams need to be linked by Accession Number and/or Study Instance UID. Clickview gets this information by performing a DICOM Worklist Query.

A Windows Service created by Clickview will need to be installed and started. This service is called "CV DICOM Worklist Query". It will query the worklist for information that will uniquely identify the patient and the exam/study. That will then be placed into a Clickview Worklist Database that will later be accessed by the Clickview 7i system.

3. Parameters

Network Protocol

- Only TCP/IP protocol is supported.

SCU Settings

- Calling AE Title. Default is CLICKVIEW but is configurable.

SCP Requirements

- SOP Class Name: Modality worklist – FIND
- SOP UID: 1.2.840.10008.5.1.4.31
- Transfer Syntax UID: 1.2.840.10008.1.2

SCP Settings

- AE Title
- Host Name or IP Address
- Port Number. Default is 104.

4. Modality Worklist Retrieval

Clickview uses the following matching keys:

Attribute	Tag	Matching
Scheduled Procedure Step Sequence	(0040,0100)	
>Scheduled Procedure Start Date	(0040,0002)	Single, Range
>Scheduled Procedure Start Time	(0040,0003)	Single, Range
>Modality	(0008,0060)	Wildcard
>Performing Physician Name	(0040,0006)	Single, Wildcard
Accession Number	(0008,0050)	Single, Wildcard, Universal
Patient Name	(0010,0010)	Single, Wildcard, Universal
Patient ID	(0010,0020)	Single, Universal

Clickview expects the following values to be returned:

Attribute	Tag
Scheduled Procedure Step Sequence	(0040,0100)
>Scheduled Procedure Start Date	(0040,0002)
>Scheduled Procedure Start Time	(0040,0003)
>Modality	(0008,0060)
>Scheduled Procedure Step Description	(0040,0006)
>Scheduled Procedure Step ID	(0040,0009)
Patient Name	(0010,0010)
Patient ID	(0010,0020)
Accession Number	(0008,0050)
Study Instance UID	(0020,000D)
Requested Procedure Step ID	(0040,1001)