

2023-08-22



Chair: [Brian Bialecki](#) [Jonathan Whitby](#)

Scribe: @[Carolyn Hull](#)

Minutes

PRESIDING OFFICERS

Jonathan Whitby, Canon Medical Systems Corporation
Brian Bialecki, American College of Radiology
Scribe: Carolyn Hull, MITA

Voting Members Present

AAPM/UAMS	Tarbox, Lawrence
American College of Radiology	Bialecki, Brian
Canon Medical Research Corporation	O'Donnell, Kevin
GE Healthcare	Nichols, Steve
Radiological Society of North America	Carr, Chris
Siemens Healthineers	Martin, Eric

Voting Members Absent

Argentix Informatics Inc.	Silver, Elliot*
Arterys	Taerum, Torin*
ByLight	Moehrke, John
Center for Medical Device Standardization Administration, CFDA	Zheng, Jia*
Fairhaven Technologies	Horn, Rob
HL7 Austria & DICOM Usergroup Austria Reinhard*	Egelkraut,
Laitek Inc. Behlen, Fred*	
Merge Healthcare an IBM Company	Meyer, Ken*

PixelMed Publishing
 Radical Imaging LLC
 Zeiss Medical Technology

Clunie, David*
 Wallace, Bill*
 Philip, Anju

Others Present

ACR
 Mayo Clinic

Philips

Philips

Philips

Smile Digital Health

Steinberger, Dan
 Charboneau, Nicholas,
 Observer

Kostadinovska, Ana,
 Observer

Sonar, Nikhilesh,
 Observer

Younis, Khaled,
 Observer

Quinn, Joe

Agenda Outline	Agenda Item	Meeting Minutes from Discussion	Decision Link(if not child)
	The meeting was called to order. The Guidelines for Conducting NEMA Meetings, HL7 Policy , and Patent Disclosure Policy (https://www.dicomstandard.org/patent) governed this meeting and members were reminded of this.		
	Agenda Approval- the agenda was approved.		
Management	Minutes Approval- minutes were not approved.		
	September WGM and Connectathon – Did not discuss. <ul style="list-style-type: none"> • Draft agenda: 2023-09 WGM • Draft Connectathon proposal: 2023 - 09 Imaging - draft Registration reminder: Plenary & WGM		

IHE Proposals- (O'Donnell)- Kevin O'Donnell gave an overview of the IHE proposals. For the first pass, there were four proposals and all advanced. All were advanced to the "short list" and effort assessment is the next phase. The Technical Committee completes a technical review of the proposal and discusses how much bandwidth it will require. The Planning Committee will make a final selection around September 22. Anyone who is interested can participate. September 22 is the vote and mid-November is the kickoff meeting.

Proposals related to Imaging Integration:

B-Enabling SWF on FHIR

C-Imaging Dx Report-focusing on reporting:

https://wiki.ihe.net/index.php/Imaging_Diagnostic_Report_-_Proposal. DICOM Pt. 20 links to HL7 CDA (via a mapping of SR and CDA). It also profiles CDA- (general health data document) to be for radiology/imaging. As now HL7 is moving to FHIR, there is a diagnostic profile, but imaging people have not necessarily been involved. Imagingstudy, Imagingresource have worked to bridge this gap. This would be for IHE Radiology to bridge some of the work that has gone on in this WG (WG-20/HI7 Imaging Integration) to IHE profiles.

Open questions: how would IHE TC collaborate with II (Would it make sense to run through this group)?

Next steps: Decide how to divide the work (e.g. during the IHE Radiology cycle)? Some of the work is already underway but not has been done on diagnostic report itself yet.

One member asked the work that's going on with SMART Imaging Access (Argonaut project)- seems like it has gone quiet recently but is there some intersection there and here? A: would be good to consult also. Seems like they would be related to some of the use cases. RSNA also has a reporting informatics group to show how it could be better woven into clinical downstream and patient impact.

	<p>While this standard is international, USCDI was also mentioned- (LOINC) and one member noted that we should consider semantic structure there.</p> <p>Another member noted of difference between observation and an impression. Diagnosis may reference different coding sets whereas observations are structured as attribute/value pairs. That may not be the case with impressions. Diagnosis may only be an ICD-10 code. With automated impression generation coming into play, we need to think about semantic structure as a document.</p> <p>Sharing with Reporting Informatics group and get feedback from radiologists.</p> <p>CDE- radelement.org- a group out of RSNA has been working to identify common data elements and sets of common data elements. If a radiologist recognizes that there is a lung nodule, then need to ID certain characteristics. These feed into this to say if malignant, benign, etc. The constellation of observations is a CDE set. Given there are many things a radiologist could/should observe in an image, should have a CDE set.</p> <p>OIDM (Open Imaging Data Model)-this is somewhat inspired by info model from a browser. To be compatible with a variety of browsers, an OIDM is says one can create a model of all of the info input and output in radiology process. If we can do this and have an API to access, it becomes easier for reporting to interact with API products.</p> <p>OHDSI-</p> <p>Dan Steinberger also volunteers to assist. Important concepts: capturing diagnostic inflection points, tracking threads between over time. Create something that creates a diagnostic response and creates the next step thing in the chain.</p> <p>Action: Kevin O'Donnell to discuss DICOM SR to FHIR mapping with Jonathan Whitby and Brian Bialecki. Ideally will be complete by January.</p>		
	<p>Any Jira items- Did not discuss.</p>		

Agenda Outline	Agenda Item	Meeting Minutes from Discussion	Decision Link(if not child)
	Radiation Dose-Did not discuss.		
Methodology			
Management	Next agenda- upcoming meeting -Tuesday, September 5, 2023, 11:00AM US ET		
Adjournment	11:54AM US ET		

Submitted by: Carolyn Hull, 8/31/23

Approved by: Patrick Hope, 9/1/23