

MINUTES

DICOM WORKING GROUP 1 Cardiac and Vascular

Date and Time: Tuesday 22 January 2019
 11:00am – 12:00pm US_EDT

Presiding Officers: Bruce Bray, User Co-Chair, University of Utah
 Antje Schroeder, Producer Co-Chair, Siemens Healthineers,

DICOM Secretariat Lisa Spellman, General Secretary, DICOM

Present	First Name	Last Name	Organization	Voting Status
Present	Bruce	Bray	ACC/University of Utah Health Care	Voting
	Paul	Seifert	Agfa HealthCare	Voting
	Ramona	Shirley	Agfa HealthCare	Observer
	Paul	Varghese	American College of Cardiology	Alt. Voting
	Mythreyi Bhargavan	Chatfield	American College of Radiology	Observer
	Peter	Tilkemeier	American Society of Nuclear Cardiology (ASNC)	Voting
	Rami	Barti	Bar-Code Computers Ltd.	Observer
	Minoru	Mashimo	Bard Electrophysiology - C.R. Bard	Observer
	Mati	Amit	Biosense-Webster (ISRAEL) Ltd.	Observer
	Satoshi	Oagawa	Cardiovascular Division, Dept of Medicine	Observer
	Neil	Weissman	Cardiovascular Research Foundation	Observer
	Bob	Baumgartner	Change Healthcare	Voting
	Katsu	Takenaka	Department of Laboratory Medicine	Observer
	Tom	Probasco	Dimatics, Inc.	Observer
	Kiyoshi	Yoshida	Division of Cardiology	Observer
	Mitchell	Krucoff	Duke University Medical Center	Observer
	Donald	Van Syckle	DVS Consulting, Inc.	Observer
	Johan	Wallhed	EPIQ Life Science AB	Observer
	Nico	Bruining	European Society of Cardiology	Voting

	Richard	Crane	Excel Medical Electronics, Inc	Observer
	Robert	Horn	Fairhaven Technologies	Observer
	Steven	Nichols	GE Healthcare	Observer
	Francisco	Sureda	GE Healthcare	Observer
	Gary	Tearney	Harvard Medical School	Voting
	Yoshikazu	Igeta	Hitachi Medical Corporation	Observer
	Nitesh	Sawner	IGATE	Observer
	Bonnie	Weienr	Imaging Core Lab Services	Observer
	Jörg	Riesmeier	IT Consultant	Observer
	Jon	Elion	Jon Elion	Voting
	Douglas	Sluis	Laitek Inc.	Observer
Present	Harry	Solomon	Laitek Inc.	Alt Voter
	Joel	Friedman	LightLab Imaging, Inc.	Voting
	Robert	Steinbrecher	LightLab Imaging, Inc.	Alt. Voting
	Monica	Mojica	Mark Twain Medical Center	Observer
	Arvind	Thiagarajan	Matrixview USA Inc.	Observer
	Fred	Kusumoto	Mayo Clinic	Observer
	Charles	Thomas	Medical Imaging & Informatics Consultant	Observer
	Luiza	Kowalczyk	MITA	Observer
Present	Lisa	Spellman	MITA	Observer
	Brian	Lunt	MyXrayDose Ltd	Observer
Present	Chris	Melo	Philips	Observer
	Ruud	van Silfhout	Philips	Voting
	J.	Jeyaprabhu	Philips India	Observer
	Miranda	Jacobson	Philips Volcano	Observer
	Folkert	Tijdens	Pie Medical Imaging BV	Observer
	Boudewijn	Verstraelen	Pie Medical Imaging BV	Observer
	David	Clunie	PixelMed Publishing	Voting
	Rex	Kerr	rk-logix, inc	Observer
	Tat-Jin	Teo	SensorCath Inc.	Observer
	Shigeru	Saito	ShonanKamakura General Hospital	Observer
	Heinz	Blendinger	Siemens Healthcare GmbH	Observer
Present	Antje	Schroeder	Siemens Healthcare GmbH	Observer
	Sreeni	Narayanan	Siemens Healthineers	Observer

	Byrd	Bryan	St. Jude Medical Inc.	Observer
	Stephen	Vastagh	Standards Management Company	Voting
	Isao	Mori	Terumo Corporation	Observer
Present	Paul	Sovellus	The Advanced Surgical Visualization Consortium	Observer
	John	Hirshfeld	University of Pennsylvania	Observer
	Raymond	Bond	University of Ulster	Observer
	Bas	Revet		Observer

1. Opening

- 1.1. Open and roll call.
- 1.2. Antitrust and patent policy review
- 1.3. Agenda was approved with minor changes.
- 1.4. Minutes from last meeting, 18 December 2018 were approved with no changes.

2. ACC/ASE Key Data Elements for Echo and IAC Accreditation Standards spreadsheet (Antje, Bruce)

- Bruce Bray gave an update. He spoke with the writing committee. Publication has been delayed and und unsure when will restart. Thus, without a publication, Bruce suggested put work off until we know what WG12 decides to do and then collaborate with WG12 on this activity. Keep it compatible with SR.
- Add Strain - Ensure all covered in SR templates

3. DICOM WG-12 discussion: Extend DICOM SR for Strain measurements

- Discussion.
- There are cross modality implications
- There is strong interest clinically to do this; Strain is often brought up with regard to clinical care, so definitely needs to be done.
- How much support from WG12 can be expected? A project or perhaps a CP for a core set (<10)
- Also, since MRI (WG16) can also measure, possibly propose a collaboration with them as well

<Action 1> Start with the core ones that could be a simple CP and then perhaps have a more robust proposal later. Invite them to the WG12 meeting for a discussion.

- Open question, how closely would this align with SR measurements as well?
- Possibly some validation studies between the methodologies as well.
- In DICOM currently, there are no templates for SR
- Could propose a consolidate SR Template for these types of cross-modality measurements. Bruce will put something together and see if he can develop some CT & MR template examples
- Could be common “chunks”
- Cross modality ejection fraction
- Discussion on what this could look like
- Ensure eventually a Smart on FHIR version as well
- Identify the relevant common clinical elements – start with these and then propose to specific groups

<Action 1> ECHO, MR, CT Bruce Bray to create some examples

4. Possible future activities as identified on past calls (All)

- Begin to scope level of effort to update selected templates.
- Must identify if is a large project with much change so that a new work items proposal is needed or if can be handled as a CP. Begin with CPs if appropriate.
- Evaluate template from ASE and other relevant documents, identify gaps, determine if the scope is a CP and if not, consider addressing as a New Work Item Proposal (NWIP).

5. Old business

- No old business presented.

6. New business

- No new business presented.

7. Next meetings – tcons (Generally 4th Tuesday/month, 11am-12pmET)

Tues 26 February 2019

Tues 26 March 2019

Tues 23 April 2019

8. Next meetings – F2F

- None planned for the moment.

9. Adjournment

The call adjourned at 12pm US ET. Report prepared by Lisa Spellman, DICOM General Secretary.

Report reviewed by NEMA/MITA legal counsel: CRS, March 14, 2019.