

Board Report: IHE Endoscopy Domain

Sponsors:

- Japan Association for Medical Informatics (JAMI)
- Japanese Association of Healthcare Information Systems Industry (JAHIS)

Leadership:

- Secretariat: Atsushi Amano, JAHIS (email: a_amano@ot.olympus.co.jp)
Hideto Yokoi, JAMI (email: yokoi@med.kagawa-u.ac.jp)
- Board Representative: Hideto Yokoi, JAMI (email: yokoi@med.kagawa-u.ac.jp)
- Plan Cmte Co-chair: Hideto Yokoi, JAMI (Pro Tempore)
- Tech Cmte Co-chair: Atsushi Amano, JAHIS (Pro Tempore)

Membership Rosters:

- Planning Cmte:
- Technical Cmte:

http://wiki.ihe.net/index.php?title=Endoscopy_Planning_and_Technical_Committee

IHE Endoscopy plans to have an annual face-to-face meeting following the annual face-to-face DICOM WG13 meeting where users and vendors who are interested in color images including endoscopy images meet.

Training Plan:

- The following steps were planned to ensure proper use of IHE Processes in IHE Endoscopy. Those planned trainings have been completed.
 - The Tech and Plan Cmte co-chairs continuously review the IHE Process pages for Committee Procedures to learn the manner of IHE document so that they complete the public comment phase.
 - The Tech Cmte will provide explanation of EWF and ERPO profile (TI version) to the relating vendors in conjunction with connectathon 2016 in Japan.
- IHE Tech Cmte cochair has already set up an account on the IHE Wiki and received tutorial on wiki usage
- This year Endoscopy domain is focusing both creating new profile (EIA) and revising current available profiles (EWF, ERPO).
- A secretariat has been participated in the Secretaries committee calls and took necessary training to maintain the information in the website.

Activity:

- Domain Scope: Revision of current technical frame work Technical Implementation version.
Drafting Public Comment version of a new technical frame work.
- Current Cycle Timeline/Milestones: <http://wiki.ihe.net/index.php?title=Endoscopy>

Current Available Profiles (TI version):

- EWF

- The Endoscopy ordering workflow outlines a series of ordering relating workflow incorporating endoscopy ordering, procedure step notification and performed information notification.

Scope

- o Initially hospital-based but may expand to cover office-based.
- o It covers digestive endoscopy.
- o Cover ordering workflow (HL7) not reporting nor imaging (DICOM) that will be in separate profiles

Progress

- o Initial draft of profile was published and tested at IHE-J Connectathon 2011-2014.
- o Trial Implementation version has been published.
- o To reflect the latest discussion outcome on SWF.b Japanese extension in RAD, minor revision will be prepared and be set on review in domain technical committee. It will be discussed by the members from not only Japan but Europe and U.S. to ensure if the workflow modeled in EWF matches usage in Europe and U.S.

- ERPO
- The Endoscopy Report and Pathology Order outlines series of workflow of creating endoscopy clinical report and making pathology order on the report.

Scope

- o As for the endoscopy clinical report, 99% of exams, images are acquired, but not always archived if it is considered not necessary.
- o EWF is required to the profile.

Progress

- o Initial draft of profile was published and tested at IHE-J Connectathon 2011-2014.
- o Trial Implementation version has been published.
- o To reflect the latest discussion outcome on SWF.b Japanese extension in RAD, minor revision will be prepared and be set on review in domain technical committee. It will be discussed by the members from not only Japan but Europe and U.S. to ensure if the workflow modeled in EWF matches usage in Europe and U.S.

Profile Candidates:

- EIA
- The Endoscopy Image Archiving (EIA) outlines a workflow for the acquisition and archiving of images during an endoscopy.

Scope:

- o Workflow for the acquisition and archiving of images during an endoscopy procedure.
- o May address color management

Progress

- o JAHIS together with IHE-J Endoscopy technical committee has drafted Public Comment version.
- o The draft will be set on review in domain technical committee by September 2016. It will be discussed by the members from not only Japan but Europe and U.S. to ensure if the workflow modeled in EIA matches usage in Europe and U.S.