

Board Report: IHE Endoscopy Domain

Sponsors:

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

Leadership:

- Secretariat: Shinichi Omori, JAHIS (email: sec.ihe.endo.a@gmail.com)
- Secretariat: Hideto Yokoi, JAMI (email: yokoi.hideto.md@kagawa-u.ac.jp)
- Board Representative: Hideto Yokoi, JAMI
- Plan Cmte Co-chair (Pro Tempore): Hideto Yokoi, JAMI
- Tech Cmte Co-chair (Pro Tempore): Shinichi Omori, JAHIS

*Note: Secretariat was changed from Yoshihide Endo to Shinichi Omori.

Membership Rosters:

- Planning /Technical Cmte:
https://docs.google.com/spreadsheets/d/1Qpi2FVmwT77uXLcBzrF22_cx_jcuDIVQff-CWcBjNR8/edit#gid=0

Activity:

- Current Cycle Timeline/Milestones: <http://wiki.ihe.net/index.php?title=Endoscopy>
- Domain Scope: Endoscopy domain establishes technical framework for digestive endoscopy. Initial step is to cover hospital-based procedure and then to expand to office-based procedure.
EIA profile (trial implementation version) has been published since 2018. We created EIA test scenarios to test the profile at IHE-J Connectathon and have been testing from 2020.

Most Significant Profiles:

Title	# vendor (Cthon)	# product (Registry)	Description	Significance
EWf	3	0	The Endoscopy ordering workflow outlines a series of ordering relating workflow incorporating endoscopy ordering, procedure step notification and performed information notification.	-
ERPO	0	0	The Endoscopy Report and Pathology Order outlines series of workflow of creating endoscopy clinical report and making pathology order on the report.	-
EIA	2	0	The Endoscopy Image Archiving (EIA) outlines a workflow for the acquisition and archiving of images during an endoscopy.	-

*Note: We have updated the following IHE.net and IHE wiki pages.

- https://www.ihe.net/ihe_domains/endoscopy/
- https://wiki.ihe.net/index.php/Endoscopy_Image_Archiving
- https://wiki.ihe.net/index.php/Endoscopy_Report_and_Pathology_Order
- https://wiki.ihe.net/index.php/Endoscopy_Ordering_Workflow

Significant Deployment Activity:

- No deployment activity.

Demonstrations and Other Events:

- Through the vender workshop for IHE-J Connectathon, it is presented to Japanese venders and user groups.

New Profiles:

- EIA
- The Endoscopy Image Archiving (EIA) outlines a workflow for the acquisition and archiving of images during an endoscopy. It has been published for trial implementation.

Trends:

- Terminology set to describe endoscopy procedure & diagnosis is being developed by academic society in Japan. It may influence report structure that could be used in ERPO.

Summary of Future Plans:

- We will expand test scenarios of three profiles (EWF,ERPO,EIA).
- As the workflow in endoscopy suite is covered by three profiles (EWF,ERPO,EIA), the next step is to connect to outside of endoscopy suite, which is pathology lab. (Enhancement of ERPO)
- After the establishment of endoscopy report framework, we will reflect it to ERPO.