

Report on Japan Activities

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Dec.5th, 2024

DSC

Agenda

1. JIRA – DICOM committee
Sub W/G Updates
 2. JAHIS - DICOM WG
 3. JSRT - Medical Informatics Division
- IHE Connecatathon in Japan
2024 and 2025

- **SWG-01** (follow CPs, Sups)
 - CPack-129:
 - now reviewing using summary
 - Supplement: now reviewing
 - Sup241 Structural Heart Procedural SR Template
 - Supplement: Voted, Approve w/o comment
 - Sup236 Waveform Presentation State
 - Sup244 Frame Deflate Transfer Syntax



- SWG-02 (propose CPs, Sups)
 - CP-2461 Intended use of dose calibration in RDSR
 - For User
 - Provide more accurate Dose control to Medical Physicist.
 - For Vendor
 - Provide multiple calibrations (by multiple imaging procedures) such as CT, Panorama, Cephalometric, etc in a study.
 - Dental, Projection X-Ray system
 - Next Action
 - To be confirmed “radiology order” for dental study (with WG22)
 - Update Rational for Correction
 - Support Sup245 RDSR Informative Annex

Able to complete our proposal strongly supported by WG28.

- SWG-05 (Translate to Japanese)
 - Recent topic
 - How can Japanese user/vendor understand actual meaning of DICOM Standard in Japanese?
 - How to use: (in the seminar)
 - As-Is: Intentionally using the English text without translating to Japanese.
 - The meaning of English may be rephrased for the Japanese doctor whom spatiality of each medical area (Physicist, Radiologist, Doctor, etc)
 - Idea level discussion:
 - The first line in English and the second line in Japanese, user can see both contents at once to correct understanding and implementation.
 - Same situation is occurring in Chinese (discuss with CIMICS).
 - L1: This is the original text in English.
 - L2: これは英語の原文である. or 这是英文原文.

JIRA – DICOM

- SWG-07 (seminar)

- Date: Dec.20th and 21st, 2024

- Title “Get an overview of SR variations!”

- Fee (member): JPY 3,300 (USD 22.5) / Style of the seminar: Zoom Webinar (real-time)

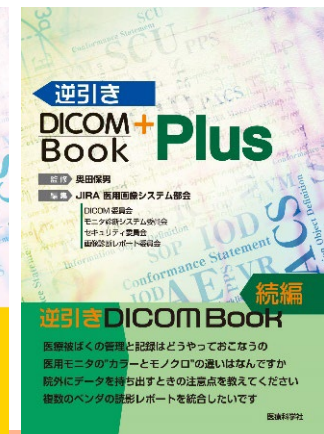
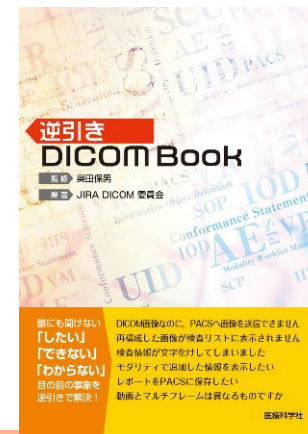
- Program

- #1 Basic SR

- #2 Explanation of RDSR

- #3 Explanation of DICOM Conformance Statement (Sup209)

- #4 Introduce latest DICOM Standard (Sup(s))



- WG Routine activity
 - Investigate & Vote : Supps, CPs
 - Share the information about DSC, WG-13, 14, 26, ... with JAHIS members
- DSC in Japan
 - Collaborate with JIRA host the DSC
 - Endoscopy
 - Introduction to the ISO proposal regarding video metadata for surgical endoscopes
 - Pathology
 - Discussion about “How can we host a Connectathon?”

JSRT

Standards and Regulations Committee



Voting
Hiroshi
SAKAMOTO



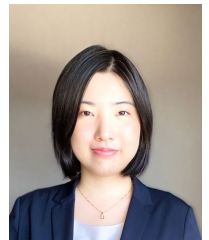
Alternate Voting
Minoru
KAWAMATA



Alternate Voting
Takumi
TANIKAWA

Medical Informatics Division

Ayako
YAGAHARA



「Medical Informatics Division's 2024 Seminar Reports」

● The 16th PACS Basic Seminar:

◇ Foundations of DICOM and Medical Information

Date & Venue: August 30, 2024, Webinar (Online)

Participants: 58 attendees

● The 35th PACS Specialist Seminar

◇ RDSR Data Analysis

Date & Venue: July 6, 2024, Hybrid (Sendai & Online)

Participants: 47 attendees (16 On-site, 31 Online)

● The 36th PACS Specialist Seminar

◇ RDSR Data Analysis

Date & Venue: Feb 1, 2025, Hybrid (Fukuoka & Online)



The 81th Annual Meeting of JSRT in Japan Radiology Congress (JRC2025)

Date: April 10–13, 2025

Venue: Yokohama, Japan

Conference President: Hideyuki Iwanaga (The University of Tokyo)

◆ Overseas invited lectures

Chairman: Hiroshi SAKAMOTO (Tohoku University)

「 The past and future of DICOM 」

Speaker : ODonnell Kevin (Canon)

◆ 45th Medical Informatics Division

Symposium

- Proper placement of medical equipment

Specialized courses

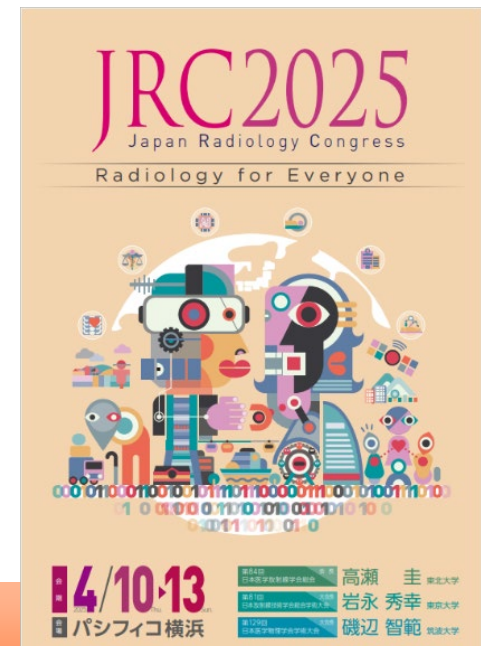
- AI research and medical information

Introductory courses

- Knowledge for building cloud-based systems

◆ JIRA Workshop

About diagnostic imaging displays



「Medical Informatics Division's 2025 Seminar plans #1」

● The 17th PACS Basic Seminar:

◆ Foundations of DICOM and Medical Information

Date & Venue: August 30, 2025, Tokyo, Japan

Time: 1:00 PM – 4:00 PM

1. Essential Standards to Know
 - Overview of DICOM, IHE, and JJ1017
 - Their role in medical imaging and healthcare information exchange
2. Explanation of the Ministry of Health, Labour, and Welfare Guidelines
 - Key points of the guidelines
3. Fundamentals of PACS and Networking
 - Introduction to PACS architecture and networking basics
 - Focus on cybersecurity and protecting medical data within PACS systems

「Medical Informatics Division's 2025 Seminar plans #2」

● The 37th PACS Specialist Seminar:

◆ RDSR Data Analysis

Date & Venue: December 13, 2025, Nagoya, Japan

Time: 1:00 PM – 5:30 PM

1. Lecture:

- Learn the basics of data cleaning and aggregation
- Understand data visualization techniques
- Explore the benefits of using R for medical data analysis

2. Hands-on Session:

- Analyze RDSR data with R
- Perform data cleaning, summary creation, statistical analysis, and visualization

IHE – Japan

- Connectathon

- Oct.21-25, 2024 @Asakusa
Organized by IHE Japan

21 Companies / 27 Systems

Workshop: Oct.23rd PM

<Topics>

Get a visit from IHE China

- Oct.20-24, 2025 @Asakusa



Report on Japan Activities

JSRT : Japan Society of Radiological Technology

JAHIS : Japanese Association of Healthcare
Information Systems Industry

JIRA : Japan Medical Imaging and Radiological
Systems Industries Association

