

Report on Japan Activities

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Nov.30th, 2023

DSC

Agenda

1. JIRA – DICOM committee
Sub W/G Updates
2. JAHIS - DICOM WG
3. JSRT - Medical Informatics Section
4. IHE Japan
Connectathon 2023 & 2024

- **SWG-01** (follow CPs, Sups)
 - **CPack-123: Voted w/o comments**
 - **Sup238: no comments**
 - Public comment (Assertion Collection)

- SWG-02 (propose CPs, Sups)

#1 n/a (Issue to be solved: Link to Irradiation with calibration factors)

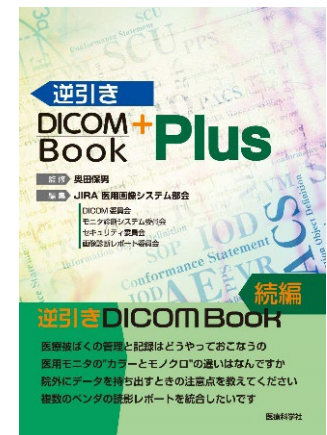
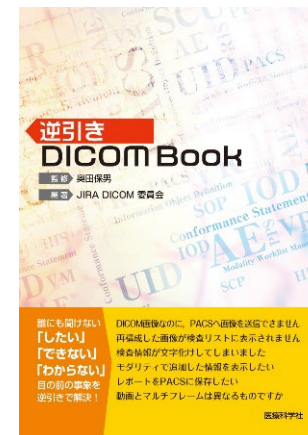
- Projection X-Ray RDSR (including Enhanced X-Ray Radiation Dose SR (Sup214)) has a concept of multiple calibrations.
- A dental system can use multiple exposures, CT and/or Panorama. So “calibration factor” should be linked with each exposure as well as in RDSR. But which of those factor is hard to link to each Irradiation Event.
- AAPM Report 190
 - 2.C. Digital imaging and communications in medicine(DICOM) radiation dose structured report (RDSR)
- This section relates what we’d like to solve as CP, but this document looks just defines how to get “calibration factor” as a “Protocol”.
- Corroboration (initial discussion has started in May and June.)
 - “Dose and Radiation” committee in JIRA
 - WG-2/WG-28

JIRA – DICOM cmte

- SWG-07 (seminar)

- (PLAN) Advanced course

- Date: Dec.15th and 16th ,2023. (4h x2) or 2024?
- “RDSR and latest update of DICOM” -RDSR can be used for dose management-
- Fee (member): JPY 3,300 (USD 22.4)
- Program
 - #1 Basic RDSR
 - #2 Explanation of RDSR(s)
 - #3 DICOM UID, Security and Radiation therapy
 - #4 Latest update of DICOM Standard
 - #5 Q&A



JIRA – DICOM cmte

- SWG-08 (Requested Lectures)

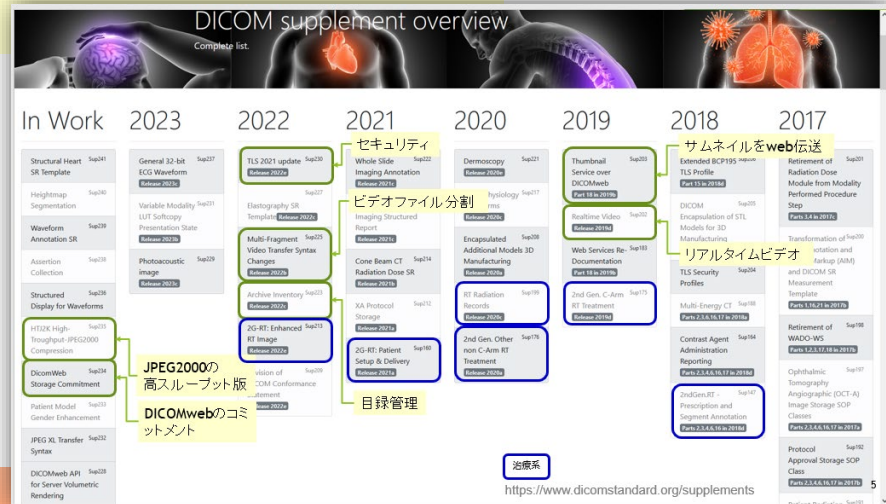
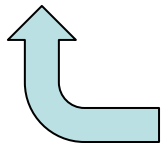
- (DONE) Educational Lecture & symposium

- The 51st Autumn Scientific Congress
- Date: Oct.27th, 2023.
- Place: Nagoya, Aichi, Japan
- Theme: DICOM Latest information



- focusing on technologies to deal with expanding data -

- #1 TLS 2021 Update (Sup230)
- #2 DICOMWeb (PS3.18)
- #3 DICOM Real-Time Video (Sup202)
- #4 Repository Query, Inventory IOD, and Related Services (Sup223)
- #5 Multi-Fragment Video Transfer Syntax Changes (Sup225)
- #6 JPEG (Sup232, 235)



- **WG Routine activity**
 - Investigate & Vote : Supps, CPs
 - Share the information about DSC, WG-13, 14, 26, etc. with JAHIS members

「Medical Informatics Division's 2023 Seminar plans」 Current Results

😊 PACS Basic Seminar :

The 15th Sep.2 (Fukuoka)

- Continuing lectures of basic and recent DICOM

😊 PACS Specialist Seminar

The 33th Jul.29 (Kyoto)

The 34th Sep.9 (Sapporo)

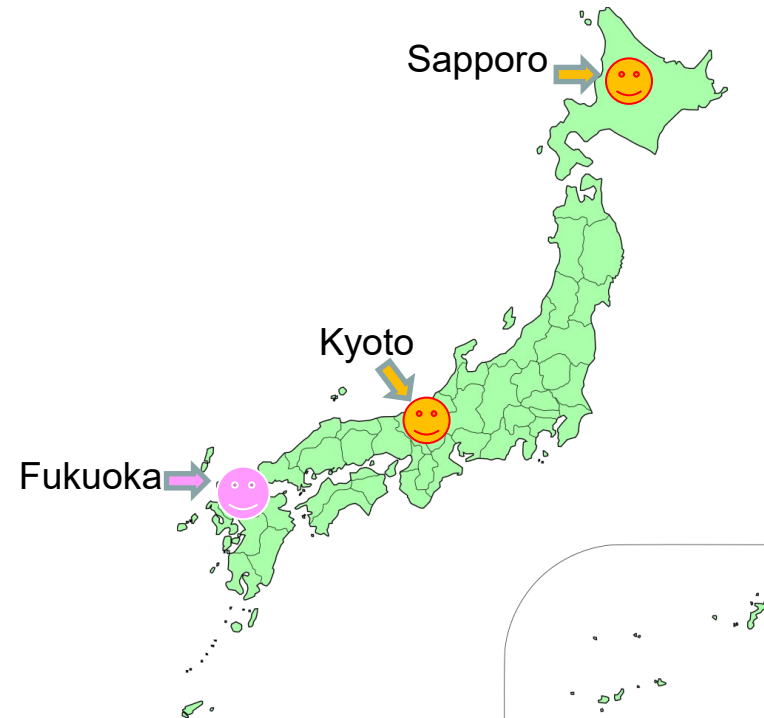
- DICOM update.
- Introduces the use of JJ1017

😊 Medical Information Evening Webinar

The 3rd July.26(On line)

The 4th Sep.27(On line)

- Health service information research in medical devices.



Plus one, JSRT Seminar

The 13th basics Seminar of Digital Mammography

Date : September, 2, 2023 (One line)

- Image and quality
- Quality control methods
- Dosimetry
- **Standardization**



The Japan Central Organization on Quality Assurance of Breast Cancer Screening

The 51st Autumn Scientific Congress of JSRT

Go into the future – To the future one step ahead –

Date : October, 27-29, 2023, Nagoya, Aichi, Japan

Conference President: Koyama Shuji (Nagoya University)



42nd Medical Informatics Division

◆ Educational Lecture

Chairman: Minoru Kawamata(OICI)

「DICOM Latest information – focusing on technologies to deal with expanding data」

Speaker : Shinichi Nakano(JIRA)

The 80th Annual Meeting of JSRT / The 3rd ICRPT Leading an Era of Transformation

Date: April, 11-14, 2024 Venue: Yokohama, Japan

Conference President: Toru Negishi

43th Medical Informatics Division

◆ Educational Lecture



IHE – Japan

- (Done)Connectathon 2023
 - Oct.16-20, 2023 @Asakusa
 - Number of vendor: 23
 - Registered system: 40

Support REM and REM-NM profile testing with JIRA.



- (Plan)Connectathon 2024
 - Oct.21-25, 2024 @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

