

Report on Japan Activities

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Dec.4th, 2025

DSC

Agenda

1. JIRA – DICOM committee
Sub W/G Updates
 2. JAHIS - DICOM WG
 3. JSRT - Medical Informatics Division
- IHE Connecatathon in Japan
2025 and 2026

JIRA – DICOM

- SWG-01 (follow CPs, Sups)



- CPack-133: Voted (with 4 comments)

- CP2523, CP2527, CP2529 and CP2530
 - CP2461 Add rows to intended use of dose calibration in RDSR

FT!
JIRA proposed

- CP2523 Undefined Length VR
 - CP2527 Consistently use defined terms bulk data and bulk data URI in ps3.18
 - CP2529 Clarify definition of pixel aspect ratio and presentation pixel aspect ratio
 - CP2530 fix various inconsistencies in the audit trail message format profile JR

- 2 CPs concerning “Character set”

Also CP954 and CP1357

- CP2537 Clarify and correct character set usage
 - CP2579 Allow Halfwidth Katakana in alphabetic name group

A question involved
in JIRA has come

- SWG-02 (propose CPs, Sups)
 - CP2461 Add rows to intended use of dose calibration in RDSR Final Text. Thank you for strongly support from WG28.
We're going to promote it.
 - Sup245 RDSR Informative Annex
"Calibration" section in PS3.17 has passed in WG-6 in November.

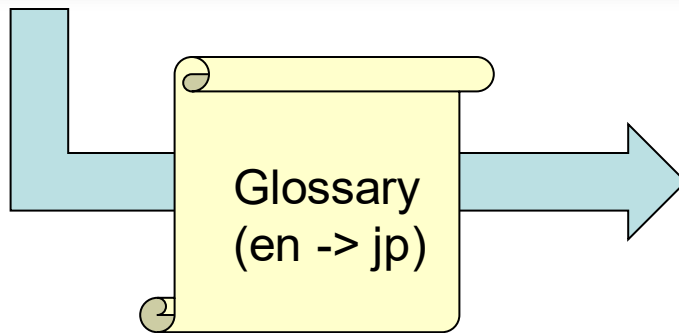


JIRA – DICOM

- SWG-05 (Japanese translation of DICOM Standard)
 - Recent update
 - To make more easier, representation of chart/diagram will have both Japanese-English bilingual text.

PS3.5

DICOM **PS3.5 2025d** - Data Structures and Encodings



PS3.5

DICOM **PS3.5 2025d** - データ構造と符号化

PS3.5: DICOM PS3.5 2025d - データ構造と符号化

•D.1 ピクセルデータ符号化の詳細な例

PS3.3で規定されている通り、画像ピクセルデータはピクセルデータ要素 (7FE0,0010) の値内に格納される。画像プレーンのピクセルデータは、行単位で左から右、上から下の方向にエンコードされる (図 D-1 参照)。

Bilingual text

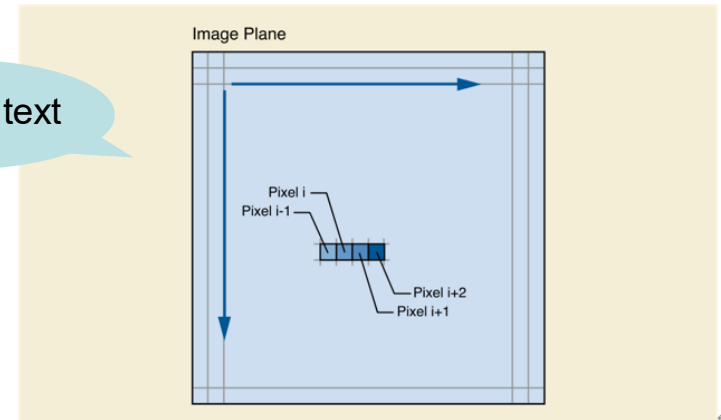


図 D-1. 画像ピクセル面

JIRA – DICOM

- SWG-07 (seminar)
 - Date: Dec.19th, 2025
 - Title “Get an overview of SR variations (update 2025)”
 - Program
 - #1 Basic SR (Yoshida)
 - #2 Explanation of RDSR (Basic) (Tanioka)
 - #3 Explanation of RDSR (Enhanced) (Go)
 - #4 DICOM Update (NAKANO)



JIRA 一般社団法人 日本画像医療システム工業会
Japan Medical Imaging and Radiological Systems Industries Association

Google 提供

Home ▶ 関係団体リンク ▶ サイトマップ ▶ お問い合わせ ▶ English

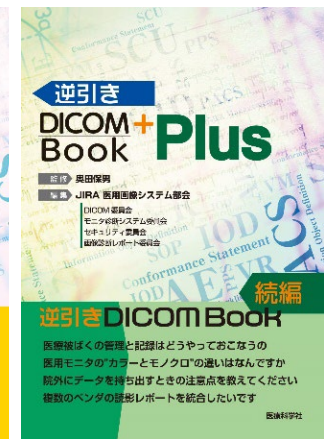
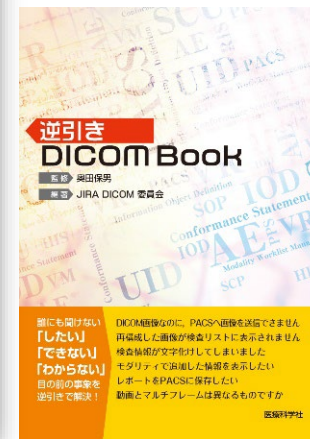
会員ページ

JIRAについて 部会・委員会等 刊行物 展示会 セミナー トピックス

2025年度下半期DICOMセミナー SR (RDSR) のバリエーションに触れる Update 2025

開催日時： 12月 19日 (金) 12:30 ~ 17:00
申込締切： 12月 12日 (金)

オンライン開催



JIRA – DICOM

- SWG-09 (maintain DICOM webpage)

DICOM の世界
Digital Imaging & Communication in Medicine

- AS-IS

- No up-to-date..
- 404 not found..
- Difficult terminology..
- No organized info..

- TO-BE (ongoing)

- Refresh PS3.X in ja-JP
- Update contents
- Revise TOPICS
- Easy structure

The screenshot shows the DICOM website homepage. At the top right, it says 'DICOM の世界' and 'Digital Imaging & Communication in Medicine'. Below that, the main header includes the DICOM logo and 'DICOM の世界 (医用画像システム部会)' with a '最終更新日: 2025年11月7日' (Last updated: 2025.11.7). A 'TOPICS' section lists several news items with dates and titles, such as '2025/11/07 2025年度下半期DICOMセミナー (12月19日 (金) 開催) の申込受付を開始しました。' and '2025/10/16 オブジェクト識別子 (DICOM-UID) を更新いたしました。'. Below the topics are three main navigation columns: '資料' (Materials) with links for 'DICOM規格書日本語訳', 'DICOMセミナー資料', 'DICOMの歴史とその他資料', '参考情報 (関連団体、書籍など)', and 'オブジェクト識別子 (DICOM-UID)'; '活動報告' (Activity Report) with links for 'DICOM委員会報告', 'JIRAからの報告', 'JIRAからの提案', '個人情報関連', and '関係団体関連図'; and '参照先' (References) with links for 'DICOM HP (米国 NEMA)', 'DSC、WGの議事録 (英文、和文)', 'DICOM規格書補遺&修正 (原文)', and 'JJ1017 規約 (JSRT 医療情報部会)'.

JAHIS - DICOM WG

- Manage the voting process for CPack and Supplements
- Conduct an internal working group (WG) review and determine the voting stance
- Submit the votes to the DICOM Secretariat
- Share information regarding DSC and related working groups (WG-13, WG-14, WG-26, etc.) with JAHIS members
- Maintain collaboration with JIRA

The 53rd Autumn Scientific Meeting of JSRT

Date: Oct 17–19, 2025

Venue: Sapporo, Japan

◆ Educational Lecture

- Current Status of PACS and the Future of DX Using Cloud Technologies

◆ Symposium “Current Status of PACS”

- Cloud-based PACS, system integration, and daily operations
- Real-world issues including fault tolerance and secure operation

◆ Specialized courses

- Training programs for medical cybersecurity professionals

◆ Introductory courses

- Database Tips – Basic Concepts and Practical Use Cases

◆ Standardization Forum

- About Cloud-PDI



Wisdom,
Sky,
Blue
知空青
～井の中の蛙大海を知らず、されど空の青さを知る～

第53回 日本放射線技術学会
秋季学術大会
The 53rd Autumn Scientific Congress of Japanese Society of Radiological Technology in Sapporo

2025 10 / 17 | 金 | … 19 | 日 | 札幌コンベンションセンター
札幌市白石区東札幌6条1丁目1-1
地下鉄東西線東札幌駅下車

特別講演
八嶋 智人氏 (併席)

大会長 鎌野 大樹 (札幌医科大学附属病院) 実行委員長 石坂 欣也 (北海道大学病院)

主催 | 公益社団法人 日本放射線技術学会 (JSRT) 大会費—44,400円
協賛 | 一般社団法人 日本ラジオロジー学会 (JRS) <https://www.jsrt.or.jp/meeting/shu53>
協賛 | 公益社団法人 日本放射線情報学会 (JARI) 一般社団法人 日本医療情報学会 (JAMI)

Standardization Forum –

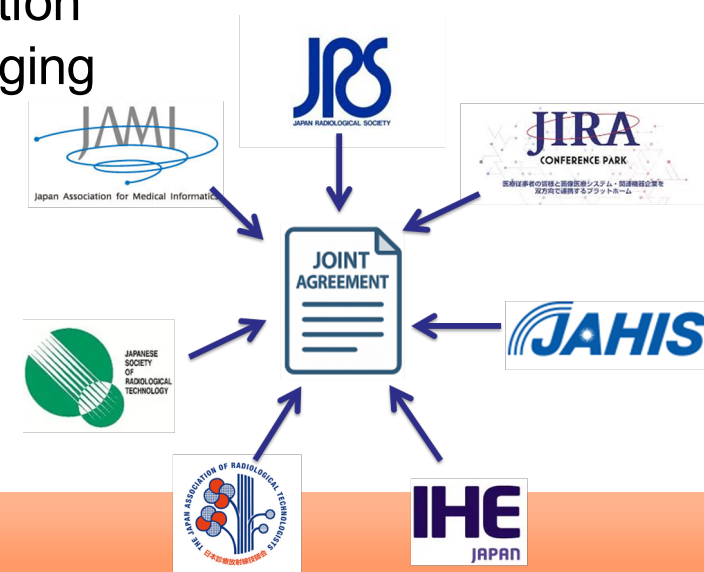
Frontline of Cross-institutional Image Sharing

◆ Cloud PDI Technical Framework

- Developed by IHE-Japan
- Officially adopted as a national standard by MHLW
- Promoting adoption through technical explanations and implementation guidelines

◆ Joint Agreement on Medical Image Referrals

- Revision in progress to reflect cloud integration
- Aligning with modern healthcare IT and imaging workflows



「Medical Informatics Division's 2025 Seminars」

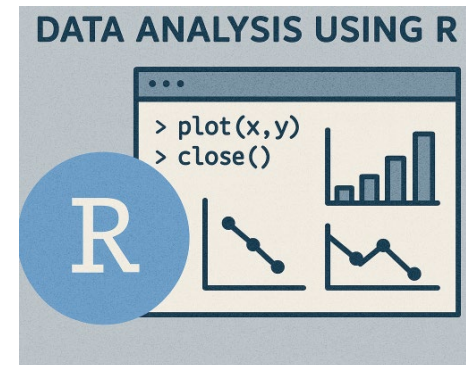
The 17th PACS Basic Seminar: Foundations of DICOM and Medical Information

Aug 30, 2025 / Tokyo, Japan
(1:00 PM – 4:00 PM)

71 participants, mainly radiological technologists and medical informatics staff, showing strong interest in this field

◆ Topics

- Overview of DICOM, IHE, JJ1017
- Key points of MHLW guidelines
- Fundamentals of PACS architecture and networking
- Focus on cybersecurity and protection of medical data



The 37th PACS Specialist Seminar: RDSR Data Analysis

Dec 13, 2025 / Nagoya, Japan
(1:00 PM – 5:30 PM)

◆ Lecture & hands-on:

- Data cleaning, aggregation, and visualization
- Using R to analyze RDSR data for dose management and QA

「JRC2026 and Future Directions of JSRT Medical Informatics」

● **JRC2026 / Medical Informatics Section (Planned)**

April 16–19, 2026 / Yokohama, Japan (Pacifico Yokohama)

◇ **Dedicated session on cybersecurity for medical devices**

● **The 38th PACS Specialist Seminar (Planned)**

◇ **Main Topics: Hands-on analysis of RDSR data**

● **Future Focus of JSRT Medical Informatics Division**

- Continue education on DICOM, IHE and related national guidelines
- Strengthen training on RDSR-based data analysis for dose management and quality assurance
- Promote cybersecurity and cloud-based PACS operation in collaboration with JRS, JART, JAMI, IHE-Japan, JIRA and JAHIS

- Connectathon

- Oct.20-24, 2025 @Asakusa

- Operated by IHE Japan,

- JIRA DICOM Committee supported verification

- 23 Companies / 28 Systems

- Seminar & Tour: Oct.21st

- <Topics>

- International Plugathon week in very first time

- Next Connectathon

- MM DD-DD, 2026 @Asakusa

- Brief report by Mr. Yasunari Shiokawa from IHE

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

