

DICOM Standards Committee

Report on Japan Activities

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DSC@CHN Dalian

2016/09/06 DIOCM DSC

Contents

(activities since last report (2015/DEC))

1. JIRA - DICOM committee

2. JSRT - Medical Informatics Section

3. JAHIS - Informatics System Section

4. IHE - Japan

5. ITEM2016

1. JIRA - DICOM committee

(Japan Medical Imaging and Radiological System Industries Association)

1. Contribute to DICOM Standards (International)

1. Propose new Supp's, CP's
2. Vote Supp's, CP's
3. Join DSC, WG-06, related T-con's

2. Help propagating DICOM (domestic)

1. Reply DICOM questions
2. manage requests to DICOM
3. Seminars, books
4. Manage manufacturer UID

1. JIRA - DICOM committee

Recent domestic activities include :

- 1) JIRA H.P. welcomes ANY DICOM questions from vendors or users. 1-5 / month
- 2) JIRA posts translated Standards, Meeting minutes, major SUPP's in H.P. 10-15/Year
- 3) JIRA holds DICOM Seminar for RT, students and Vendors. 2/Year
- 4) JIRA manages manufacturers UID for vendors, institutions and academic groups.
1.2.392.200036.nnnn 180/now

1. JIRA - DICOM committee

- Monthly regular meeting
 - Share DSC and other WG activities
 - Translated minutes will be shared
 - Investigate Supplement
 - Comments on Correction Pack
 - Propose Supplement or CP
 - Sup9 - Multi-byte Character Set Support
 - Sup124 - Communication of Display Parameters
 - CP1444 - Add additional dental view sets to Structured Display
 - CP1636 - Examples of Specific Character Set in Worklist

1. JIRA - DICOM committee

- Seminar

- Reverse DICOM book

- Nov.25th , 2015
 - Feb.20th , 2016
 - (now planning...)

- Radiation dose management system

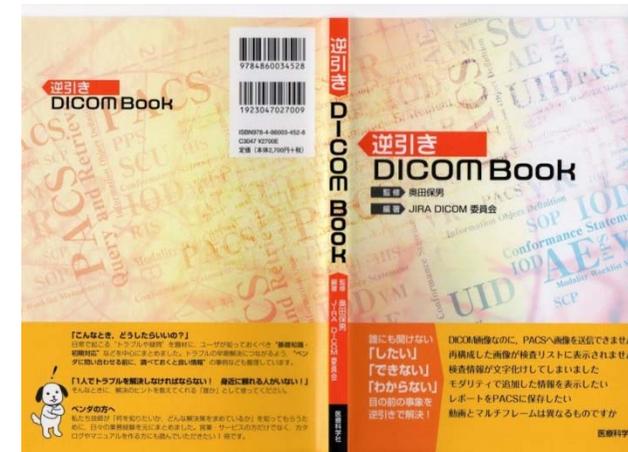
- Oct. 8th , 2015

- Digital Mammography image

- Oct. xx, 2015

- IHE PDI and its operation

- Jun. xx, 2015



2. JSRT - Medical Informatics Section

(Japan Society of Radiology Technologist)

- Lectures at annual meetings

1) 72nd Main Meeting 2016/Apr.

「Long-term Management for Medical Image Data」

1. Appropriate Selection of **DICOM** Objects
2. Practical Use and Future Perspective on a New Concept Multipurpose Viewer
3. About Use of the House and outside Preservation Interlocking Movement Model PACS
4. The Current State of the outside Safekeeping Introduction in a University Hospital

2) 44th Fall meeting 2016/Oct.

「Privacy information : legal point and daily work」

1. Revised privacy protection Act
2. Meaningful use of private information
3. Important points to consider when using privacy data
4. ethical and legal notices

JSRT - Medical Informatics Section

JSRT established its own certificate program
「Healthcare Information Specialist」

1 test/Year * 7 years 17,000 certified

For beginners and re-tryers, JSRT holds seminars
「PACS Specialist Seminar」 5-6/Year

2015/Sep Tokyo, 2016/Jan Kyoto, 2016/Jun Hokkaido, 2016/Jun Tokyo,
2016/Sep Kyusyu, 2016/Sep Kanazawa

3.JAHIS - Informatics System Section

(Japanese Association of Healthcare Information Systems Industry)

- **Pathology domain**
 - Introduction lecture of DICOM for WSI in the Annual Meeting of the Japanese Society of Digital Pathology.
- **Endoscopy domain**
 - Review the Supplement 195 which introduces new HEVC Transfer Syntaxes

4. IHE Japan

2016 Sep-13 / Sep-17 @ Asakusa, Tokyo

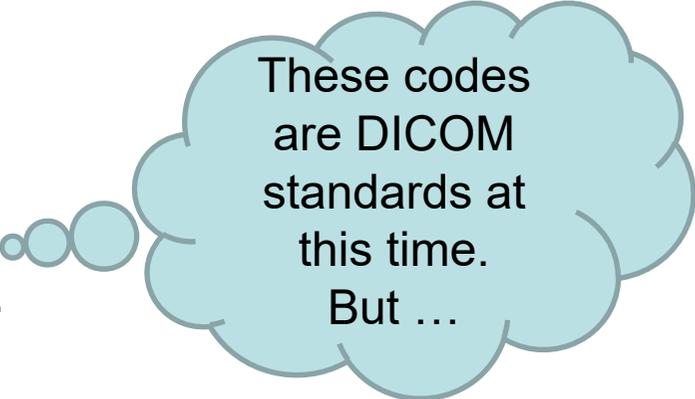
- Gazelle
 - plus Transaction Monitor + Validation Engine
- Localized test scenario
 - Preparing National Extension for Japan
- 42 companies 69 systems



4. IHE Japan

About Specific Character set

- Option name: DICOM Japanese Character Set
- Mandatory: **ISO 2022 IR 87**
- Not recommend: ISO 2022 IR 159
- Prohibit: ISO 2022 IR 13 and IR 14
- (0008,0005) Default Character set
- ISO 2022 IR 6 ~~¥~~ **ISO 2022 IR 87**
- (0010,0010) Patient's name
- Kanda^Jirou=**神田^次郎=カンダ^ジロウ**



These codes are DICOM standards at this time. But ...

5. ITEM 2016

- ITEM2016 Exhibit @ Yokohama

Joint Congress of

- Japan Radiological Society (JRS)
- Japan Society of Radiological Technology (JSRT)
- Japan Society of Medical Physics (JSMP)

