



IHE-Japan

- ◆ IHE-J studies methods for using medical information that can be applied to routine hospital operations in Japan in accordance with its objectives and presents them to users and vendors as guidelines for information system design.
- ◆ Members: IHE-J is open to anyone (users and vendors who agree with IHE-J's objectives).
- ◆ The liaison council of the JRS, JSRT, and JIRA (JR3C) is in charge of the secretariat for its establishment.
- ◆ Sponsors: Ministry of Economy, Trade, and Industry and Ministry of Health, Labor, and



Objectives of IHE-J

- ◆ IHE-J is working to build a system that ensures **on-time support for medical care** based on the integration of information for the improvement of quality and the efficient provision of medical services.
 - ✍ On-time support for medical care is to provide a wide variety of information that is useful for decision-making (for example, the ability to check the results of previous examinations automatically when an order is placed, changing the order of examinations based on the locations of patients, or adjusting schedules).
- ◆ IHE-J will demonstrate **solution guidelines when groups of clinics or hospitals introduce standard-based information systems (HL7, DICOM).**

What will the IHE-J do?

- ◆ Considering the relationships between the **fields of medical consultation and treatment** (outpatient section, inpatient section, etc.) and **examinations** (image, biopsy, clinical tests), IHE-J will study the handling of examinations and their results.
- ◆ IHE-J will **first focus on the field of radiology** and will then expand to include other areas.
- ◆ IHE-J will clarify patient-centered use cases and develop workflow management models.
- ◆ **IHE-J will define itself as a part of international IHE activities.** Its objective is to build a system based on HL7 and DICOM.

Basic policies of IHE-J 1

- ◆ IHE-J will develop solutions for **integrating multi-vendor systems**, including existing systems.
- ◆ IHE-J aims to develop information systems that will **deal with use cases (scenarios) that reflect routine hospital operations**.
- ◆ Although the IHE-J aims to develop systems applicable to routine hospital operations in Japan, its activities are a joint project conducted with **international cooperation**.
- ◆ If there are inconsistencies between the specifications requested by IHE-J and HL7 or DICOM, IHE-J will resolve them in accordance



Basic policies of IHE-J 2

- ◆ IHE-J is not a forum for standardization. Rather, it is a forum for confirming that the standard can actually be applied.
- ◆ IHE-J will work hard to gain understanding that this standard is a standard that users and vendors can use with confidence and to promote the implementation and widespread acceptance of the standard.



Basic policies of IHE-J 3

- ◆ When the terminology or codes in HL7 or DICOM are incompatible with standardization, IHE-J will raise the issue with the relevant standards organizations to encourage their standardization.
- ◆ The goal of IHE-J will be the creation of system models and guidelines for building systems, and it will work for their acceptance.
- ◆ IHE-J will set mid- to long-term goals and short-term goals. It will present the short-term goals as IHE-J demonstrations.



IHE-J Projects

- ◆ JIRA was entrusted with research by the Service Industry Section of the Ministry of Economy, Trade, and Industry by MEDISDC in fiscal 2001.
- ◆ Specific application will be conducted under the IHE-J Planning Committee, which plans to demonstrate it at the JMCP CyberRAD Theme Exhibition.
- ◆ To integrate the previously promoted interdepartmental data exchange interface project (formerly IHE.jp).

Chairman Prof. Ishigaki (JRS), Matsui (JSRT), Hosohane (JIRA), Kimura (JAMI), Narimatsu (JAHIS), Kita (MEDIS), Okazaki (AD), and others

IHE-J Strategy Committee

IHE-J Planning Committee

✍ Ishigaki, Kuranishi, Emoto, Kondo, Kimura, Ando, Inamura, Okazaki, Tanaka

Clinical Scenario Study WG

Survey WG

Demonstration Planning WG
(CyberRAD Committee, etc.)

Guideline Study WG

IHE-J Technology Committee

Kodera, Matsui, Yamamoto, Yoshimura, Narimatsu, Nishihara, Kita, Kondo,
✍ Kimura, Sasaki, Inamura, Shinoda, Hosohane

Survey WG

Demonstration
Application WG
(JIRA, JAHIS vendors)

IHE-J Public Relations Committee (domestic, overseas)

✍ Ando and others

Secretariat: JIRA Obayashi

Organization (Response Committee of JIRA/JAHIS)

Demonstration Planning WG
(CyberRAD Committee, etc.)

Guideline Study WG

Demonstration Application WG
(JIRA, JAHIS vendors)

JIRA IHE-J Project Committee
JIRA CyberRAD Response Committee
JIRA DICOM Committee

JAHIS Medical Image System
Committee
JAHIS Medical Consultation and
Treatment System Committee
JAHIS Message Exchange Committee

