



# IHE Lab committee face to face meeting minutes

December 10-12, 2007 – Tokyo (Japan)

## Attendees:

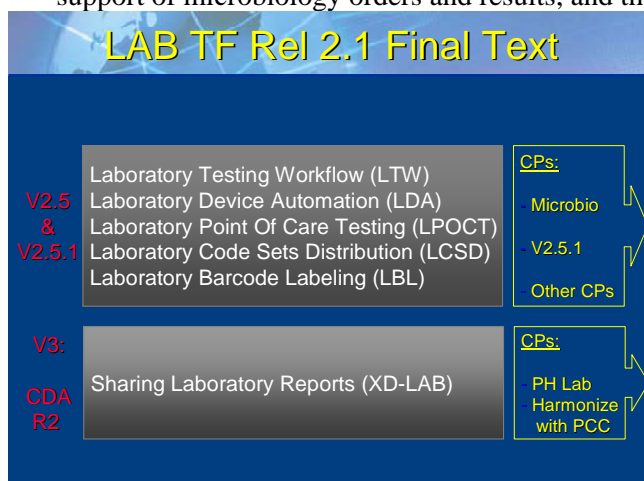
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This meeting was convened by François Macary and organized by Nobuyuki Chiba. IHE-Japan and JAHIS hosted the meeting, providing optimal conditions for its most efficient unfolding.

## Meeting goals:

The objective of this meeting was the preparation of release 2.1 Final Text of the IHE Laboratory Technical Framework, to be published end June 2008, after another meeting that will process the Change Proposals coming out from the connectathons of the three regions US, Japan and Europe. Two major topics were addressed:

- Enhancement of the CDA lab report profile (XD-LAB), in order to support public health lab use cases, and to provide a set of content modules described as templates also usable in other types of CDA documents carrying laboratory observations.
- Enhancement of the Laboratory Testing Workflow profile (LTW) for a more accurate support of microbiology orders and results, and the use of HL7 v2.5.1.





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### Unfolding:

**Monday 10** (Izumi Garden Tower Conference Center), 9:30 am to 5 pm

**9:30:** Welcome, roundtable, refinements on the agenda of the 3 days

**10:00 – 10:30:** Update on IHE activities (Lab and other domains) in Japan

- Incorporation of IHE-J: [www.Ihe-J.org](http://www.Ihe-J.org)
- Connectathon in Japan :
  - Feb 2-9 2007: 36 vendors, 60 systems, 7 lab vendors, profiles LSWF, LIR, LDA, for the first time test between LDA and analyzer, In HL7 v2.5
  - Next CAT in Feb 2008: profiles LTW, LDA, LBL
- Success stories in Japan : 8, mostly in radiology, 2 labs

**Rest of the day:** Enhancement of “Sharing laboratory reports” content profile (XD-LAB)

Presentation of the Public Health Lab use case (Sondra Renly)

See [http://wiki.ihe.net/index.php?title=PCC\\_TF-1/PHLAB](http://wiki.ihe.net/index.php?title=PCC_TF-1/PHLAB) )

CPs on XD-Lab (Sondra Renly and François Macary)

See [http://wiki.ihe.net/index.php?title=PCC\\_TF-1/PHLAB#Change\\_Proposals\\_to\\_Other\\_IHE\\_Profiles](http://wiki.ihe.net/index.php?title=PCC_TF-1/PHLAB#Change_Proposals_to_Other_IHE_Profiles)

And [http://wiki.ihe.net/index.php?title=PCC\\_TF-1/PHLAB/XDSLAB\\_Harmonization](http://wiki.ihe.net/index.php?title=PCC_TF-1/PHLAB/XDSLAB_Harmonization)

**Tuesday 11** (Izumi Garden Tower Conference Center), 9 am to 5 pm

**Morning:** Enhancement microbiology workflow – orders and results (Joost Van Averbeke)

Input document by Joost: You can download it from the Current Work section of Lab

Technical Committee page on <http://wiki/ihe.net>

- Implementation guide published by HL7 entitled “Interoperable Laboratory Result Reporting to EHR for the US realm – release 1 ». Available here: [http://www.hl7.org/ctl.cfm?action=ballots.home&ballot\\_cycle\\_id=512&ballot\\_voter\\_id=0](http://www.hl7.org/ctl.cfm?action=ballots.home&ballot_cycle_id=512&ballot_voter_id=0) (Retrieve the second ballot document of the list).
- Sample microbio results message prepared by IHE-J, presented by Kazuo Suzuki

Discussion:

Note : OID registry of HL7 is available here: <http://www.hl7.org/oid/index.cfm>

SPM segment provides eventually all information on the specimen needed for the process of a microbio order. No need for extra OBX. The SPM segment shall be detailed in Vol 2.

Parent/child mechanism and sub-ID for OBX shall be used for the results, as shown in the annex A of the implementation guide mentioned above.

The microbio example of Vol 2 shall be refactored using the example prepared by Joost. For pedagogic purpose we need to keep the example order not too complex, and not too lengthy.

**Afternoon:** End of CP processing for XD-LAB content profile (Sondra Renly):

- harmonization with PCC
- making more content modules available as templates to other types of CDA documents carrying lab observations



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**Evening:** Common dinner at Jidaiya. <http://www.jidaiya-net.com/>

**Wednesday 12 (JAHIS), 9 am to 5 pm**

- More Change Proposals processed on LTW & LDA integration profiles (Nobuyuki Chiba) Including two change proposals to the **Pathology domain**, which Karima shall submit to the cochairs of this domain:
  - OML^033 should be supported to let the Order Placer place specimen oriented orders.
  - Similarly, OUL^R22 should be supported to carry results for specimen oriented orders.
- Presentation of the governance of IHE International and the wiki. (Karima Bourquard). Each company participating to our Lab committee has to apply to IHE International, fulfilling the online form here: <http://www.ihe.net/governance/index.cfm>  
Wiki: François Macary will summarize the lab domain, and add the list of members of IHE LAB committees on the wiki lab page. At next meeting, we will choose a permanent wiki main editor for the lab domain.
- Roadmap 2008 (All), see below:

## Roadmap 2008:

### A) December 2007 to June 2008:

**Prepare LAB TF 2.1 Final text based on all the approved CPs in the spreadsheets below:**



Processed CPs for  
XD-LAB



Processed CPs for  
LTW and LDA

You can download these spreadsheets from the Current Work section of Lab Technical Committee page on <http://wiki/ihe.net>

- 1<sup>st</sup> step by François Macary
  - o Vol 1: scope widened + use case for Public Health laboratory
  - o Vol 2: CPs on LTW and LDA except microFrançois will take into account all the changes and circulate the documents.
- Circulation of Vol 1 + Vol 2 around the committee members before Christmas.
- Approval of the documents by the committee members
- 2<sup>nd</sup> step: Microbiology on Vol 2 by Joost Van Averbek, CPs on Vol 3 by François Macary
  - o Vol 2: Microbio addon's to transactions LAB-1, LAB-2, LAB-3, LAB-4, LAB-5
  - o Vol 3: Integration into Vol 3 of all approved CPs for XD-LAB.
- Circulation of Vol 1 + Vol 2 around the committee members January 31<sup>st</sup>
- Approval of the document by the committee members

### Prepare proposals for future supplements on the wiki:

- Lab to lab messaging relating to subcontracting → François Macary
- Dealing with images with test results → Joost Van Averbek
- Attaching a lab report to a result message (pdf,CDA?) → Joost Van Averbek

Update the wiki along the way.

### B) July to December 2008



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- build the three supplements for public comments

### **Conclusion:**

The meeting was adjourned at 4 pm on Wednesday. The IHE Lab committee thanks IHE-J, the IHE Lab working group and JAHIS for the organization of this meeting and for all their contributions to its achievements.

#### Candidate places for IHE Laboratory Committee face to face meeting in 2008:

- June 2008: Candidate places: US (Somewhere in California or New York), Belgium (Gent), France (Lyon)
- December 2008: Japan