

IHE-RO Planning Committee

Monday, June 13, 2011

Conference Call

3:00-4:00pm ET

Attendees:

Ramesh Rengan	Jatinder Palta	Bruce Curran	Mika Miettinen
Jarod Finlay	Peter Balter	Prabhakar Tripuraneni	Rishabh Kapoor
Chris Lindop	Sha Chang	Andy Fuller	Nick Linton
Steven Sutlief	Bridget Koontz	Mark Pepelea	Rupak Das
Jeff Yue	Kevin Albuquerque	Yan Yu	Annette Coleman
Zhe (Jay) Chen	Peter Gabriel	Jeff Simon	Richard Popple
Rene Velasquez	Adam Earwicker	Carnell Hampton	Akkamma Ravi
Mary Feng	Zheng Chang	Colin Field	Juan Carlos Celi

ASTRO Staff:

Sidrah Abdul

I. Call to Order

- a. Colin Field reviewed the agenda. There were no changes to the agenda.

II. Presentations (presentations can be viewed [here](#))

a. Treatment Delivery Device Data Integration (Rishabh Kapoor/Mika Miettinen)

This use case describes the lack of content-based communication between TMS, TDS, TDD. The development of this profile would be beneficial in ensuring reliable transfer of data between the different systems. The “IHE-RO Helper” is a tool that is currently in development at the University of Florida, which would offer users solutions to interoperability issues.

b. Flattening Filter Free (Mika Miettinen)

This interoperability problem describes how the flattening filter free beam has a different characteristic than standard flat beams. It is important to develop standards for FFF beam data transfers within the RO systems.

c. CT Study & reference point transfer (Nick Linton)

This interoperability problem is describes the issue when reference point markers from the actual patient are not transferred with a CT study. This profile is a limitation between two vendors.

d. Isocenter coordinates transfers to lasers (Nick Linton)

The isocenter coordinates must be manually entered into the laser control computer. This proves to be an interoperability issue because the information is not automatically transferred between the two systems.

e. Online Image Review (Bridget Koontz)

The issue was first proposed in 2006. As presented, it was detailed as more of a system enhancement than an interoperability issue. Some of the points can be broken into separate use cases such as information share/dose accumulation (use case pending), etc. This could be a good topic for a white paper instead.

f. Integrated Patient QA Checker (Colin Field/Shan Chang)

This use case essentially describes the integration of QA checks within the TMS, TPS, and TDS.

g. In Vivo Dosimetry (Colin Field/Juan Carlos Celi)

The intent of this use case is to integrate QA checks into the in vivo dosimetry process. This could be a good topic for a white paper instead.

V. Next Steps

IHE-RO Planning Committee members will rank their top 3 favorite use cases to move into the development cycle for next year. The survey will close Friday, June 17.

Jun 13	Use Case Prioritization. IHE-RO PC members only.	Doodle.com ?	votes must be in by Fri, June 17*
Jul 15	Generation of detailed profiles for top 3 selected Use Cases. Update detailed profiles for any 'tableted' Use Cases.	Wiki	by Fri, July 15
Aug 19	Rank top 3 new use cases with 'tableted' use cases	SurveyMonkey ?	Aug 19
Sept 11-12	Review top 3 selected Use Cases	PC focus meeting, Fairfax, VA	Sun/Mon 11-12 Sept 2011 (before Connectathon)
Oct 4	Detailed Profile Review Meeting (PC & TC)	Miami, FL	04-Oct-2011 (during ASTRO Annual Meeting, Oct 2-6, 2011)

VI. Tentative Future Meetings

Conference Calls

- June 27, 2011 at 3-4pm Eastern Time
- July 25, 2011 at 3-4pm Eastern Time

- August 8, 2011 at 3-4pm Eastern Time

Face-to-face Meetings:

- 2011 Connectathon – Sept 12-16, 2011
- PC Meeting- September 11th-12th, 2011
- ASTRO Annual Meeting October 2-6, 2011

VI. Adjourn