



June 6-7, 2005

Third Meeting of the *ORF PnP Standardization Program
*A multidisciplinary program to develop standards for communication
and control of medical devices in the OR of the Future
to improve patient safety and healthcare efficiency*

[Note added 2009: * Now called the MD PnP Program]

Sponsored by: **CIMIT & TATRC**
Hotel@MIT, 20 Sidney Street, Cambridge, MA

Monday, June 6

8:00 – 9:00am Registration / Continental Breakfast

- 9:00 – 9:15am Welcome from CIMIT and TATRC
John A. Parrish, MD
Director, Center for the Integration of Medicine & Innovative
Technology (CIMIT)
Ronald Marchessault, MBA
U.S. Army Telemedicine & Advanced Technology Research
Center (TATRC)
- 9: 15 – 10:00 Conference Overview
Year 1 Activities of ORF PnP Standardization Program
Julian M. Goldman, MD
Principal Investigator, ORF PnP Program
CIMIT/Massachusetts General Hospital
- 10:00 – 10:15 The HCMDSS Connection (High Confidence Medical Device
Software & Systems) – Report from the June 2-3 Workshop
Insup Lee, PhD
Director, Systems Design Research Lab
Department of Computer and Information Science
School of Engineering & Applied Science
University of Pennsylvania
- 10:15 – 10:35 OR2020: Final Report from the March 2004 Workshop
Kevin Cleary, PhD
Deputy Director, Imaging Science & Information Systems Center
Department of Radiology
Georgetown University Medical Center
- 10:35 – 10:45 Break

Monday, June 6 (continued)

10:45am – 12:15pm **WG1: Clinical Requirements for PnP in the ORF**

Results of Clinical Requirements Focus Groups:
Society for Technology in Anesthesia (STA) – January 13
Julian M. Goldman, MD

Society of American Gastrointestinal Endoscopic Surgeons
(SAGES) – April 15
Marc Shapiro, Olympus America Inc.

Additional Medical Forums
Julian M. Goldman, MD

Examples of Clinical Use Cases Beyond the OR
Kaiser Permanente

Association for the Advancement of Medical Instrumentation
(AAMI) – May 14
Jennifer Jackson, MBA, Biomedical Engineering
Brigham & Women's Hospital

Extracting Engineering Requirements from Clinical Use Cases
Jim DelloStritto
Protocol/Welch-Allyn

12:15 – 1:15pm Networking Lunch Buffet (find someone interesting to sit with!)

1:15 – 2:00pm Vision for a PnP Laboratory
Julian M. Goldman, MD
Sandy Weininger, FDA
Jeff Robbins, LiveData Inc.

Experience at the University of New Hampshire InterOperability Lab
Gerard (Gerry) Nadeau, Manager, UNH-IOL

2:00 – 2:10 Instructions for breakout sessions
Julian M. Goldman, MD

2:10 – 2:15 Move into groups

2:15 – 4:00 **Breakout Session 1: Clinical Requirements → Engineering Requirements**
Review, refine, add new clinical input, develop implementation plan to hand off to WG3
Facilitators: Julian M. Goldman, and Sandy Weininger, FDA
Scribe: Bridget Moorman, Kaiser Permanente

Monday, June 6 (continued)

2:15 – 4:00pm **Breakout Session 2: Shaping the Vision of the PnP Lab**
Facilitator: Jeff Robbins, LiveData Inc.
Scribe: Rick Schrenker, Biomedical Engineering
Massachusetts General Hospital

4:00 – 5:30 Groups Report Back
Identify Next Steps
Facilitator: Bill Joiner

5:30 and 6:30pm Reception and Dinner
Dinner Speaker: Warren M. Zapol, MD
Reginald Jenny Professor and Chairman, Department of
Anesthesia and Critical Care, Massachusetts General Hospital

Tuesday, June 7

7:00 – 8:00am Continental Breakfast

8:00 – 8:10am Introduction to Day #2

8:10 – 8:40 WG2: Regulatory
Jennifer A. Henderson, JD, MPH, CIMIT

8:40 – 9:10 Investigating the PnP Value Proposition
Davis Bu, MD, C!TL, and Michael Robkin, Kaiser Permanente

9:10 – 9:30 IHE Point-of-Care Medical Device Initiative
Ray Zambuto
Past President, American College of Clinical Engineering
IEEE 1073 General Committee

9:30 – 9:45 Break

9:45 – 11:00 Introduction to PnP Lab Demos
Julian M. Goldman, MD
Jeff Robbins, LiveData Inc.
Jim DelloStritto, Protocol/Welch-Allyn
Sebastien Cadet, World of Medicine
Others TBA

11:00am – 1:30pm PnP Lab Demos & Lunch
Attendees will form 3-4 smaller groups to network and view demos
at hotel and at CIMIT Simulation Center (2 blocks away) – buffet
lunch will be provided and available at hotel during this period.

Tuesday, June 7 (continued)

- 1:30 – 3:00pm Discussion of Proposed PnP Lab Projects
Julian M. Goldman, MD
- Model for Engaging Industry
Abe Abramovich
Director, Advanced Technology
Datascope Corporation
- Long-Term Funding Strategy for the ORF PnP Program – What
Should the Model Be?
Jennifer Jackson, MBA, and Julian M. Goldman, MD
- Next Steps
Julian M. Goldman, MD
- 3:00 – 3:15 Break
- 3:15 – 5:00 **WG3: Communication Architecture**
Chaired by Bill Seitz, IXXAT Inc., and Jeff Robbins, LiveData Inc.
Scribe: Jennifer Jackson
Facilitator: Bill Joiner
Group input on development of architectural roadmap
- 5:00pm **Adjourn**