Community of Practice Panel
The Age of Multicultural Network - our experience in Japan -

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SimClub
Introduction; Saitama

- Saitama Prefecture
  - Area: 3,800 Km²
  - Population: 7 million
  - Aged(65+)/Child(<15) =1.03

- Tokyo
  - Area: 2,200 Km²
  - Population: 12.7 million
  - Aged(65+)/Child(<15) =1.47

- State of Hawaii
  - Area: 28,000 Km²
  - Population: 1.2 million
Shock Trauma Center

Prehospital Care, Hospital Care, Disaster Medicine, Education, Research
Clinical Activity

Acute Medicine/Trauma/Disaster Medicine...Multidisciplinary Problem: Shortage of MDs in these area
How to recruit...Shock Trauma Center as training facility
On the Job Training (OJT)

OJT is not always good methods for training
Off the Job Training (Off-JT)

“Simulation”: emerging method of medical learning

“Learning Studio” in Shock Trauma Center
Local e-Learning System

- Play Station Portable (SONY) better suits for learning than game!
- Contents (movie, ppt, text) distributed through LAN
- Self-learning before Simulation (prerequisite)
March 2005, US Simulation Tour… Core of “SimClub”
Past  “See one, Do one, and Teach one”

Now  “See one, Simulate many, Do one competently and Teach everyone”

WISER: Teacher of SimClub & SimTiki
Simulation-based Medical Learning

- Simulation center… University, Industry, Government
- Full patient-simulator…Industry, University
- Instructor…University
  - Medical school
  - Instructional design…cognitive & behavioral psychology, educational technology
- Information & communication technology…Industry, University, Government
SimClub

- Since Oct 2005
- 90 members
  - MD, RN, DDS, EMT
- Simulation
  - Main activity
- Telehealth
  - Prof Yoshihara H. of Kyoto University, Director of Medical Information technology Kyoto University Hospital
  - Prof Suzuki K. of Kumamoto University Graduate School of Instructional Systems
SimClub & SimTiki

“SimClub”
Jan/2006

“SimTiki”
Mar/2006

SimClub・SimTiki collaboration starts 14/Feb/2007

June/2007 JPN-US Simulation Symposium (Tokyo)
Triple Helix Project

The 1st Japan-U.S. Joint Symposium on Simulation-based Medical Education in Acute Medicine 27-30/June/2007

- SimClub
- SimTiki
- Japanese Association for Acute Medicine (JAAM)
- Ministry of Education, Science and Technology
- Industries

International Medical Center of Japan (Ministry of Health, Labour & Welfare)
ICU

Simulator

Terumo, Medical
Pranex

Largest SimCenter
In Japan

Full open April 2007

June Joint Symposium
Summary

- A project of JPN-US Joint Symposium has been going to innovate medicine (quality & safety) in near future.
- Many kinds of collaborations, “Multicultural Networks”, make this project possible.
- This is the beginning of Triple Helix in our field and in Japan.
- Triple Helix framework is an useful tool to connect and direct organizations and people towards larger goal.
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