

## Mini-Symposium on Development and Application of International Telemedicine

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We held the satellite symposium on the development and application of international telemedicine by co-sponsored by the Japan Telemedicine and Telecare Association on September 21 st, 2012. We exchanged information about the needs and the present condition for tele-medicine services in Japan, Thailand and other countries. We also had the session to discuss about the possibility of future development with focus on perinatal medical treatment and medical treatment in the case of disaster.



### Session 1 : Present condition for tele-medicine service in each country (Chair : Prof. Yokoi and Prof. Tokuda)

- The overview of telemedicine (Prof. Hasegawa, Gunma University, Board member of Japan Telemedicine and Telecare Association)
- K-MIX family and telemedicine in Kagawa (Prof. Yokoi, Kagawa University)
- Electric Prescription system: Cooperation with dispensing pharmacies (Prof. Iihara, Tokushima Bunri University)
- Present condition of tele-medical service in the participants' countries
  - ✎ Thailand (Prof. Siwaporn, Chiang Mai University)
  - ✎ Brunei Darussalam (Miss Alyssa and Miss Lin Siew, Universiti Brunei Darussalam.)

In this session, the general condition of telemedicine in Japan especially in Kagawa has been introduced by the three doctors. Then the condition of telemedicine in Thailand and Brunei Darussalam has been introduced by the two par-

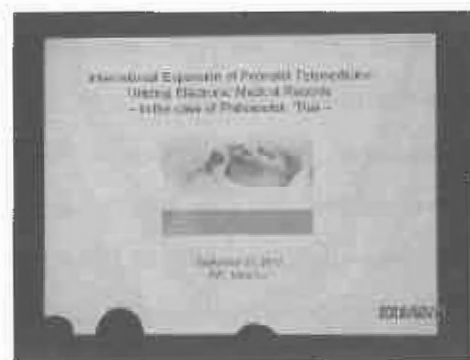


ties. The necessity of the application of telemedicine was emphasized.

### Session 2 : Overseas development of tele-medicine service (Chair : Prof. Hara)

- Introduction of the efforts of tele-medical service at Kyushu University (Prof. Nakashima, Kyushu University)
- Present condition of tele-medical service in Chiang Mai (Prof. Tokuda and Mr. Shoji; Chiang Mai Long stay Life Club, by tele-conference)
- Development of perinatal network (Ms. Ogata, MITLA)  
✎ IHATOV (Mr. Yamada, MEDIS-DC)
- Development of tele-medicine in Southeast Asia (Mr. Kurematu BHN)

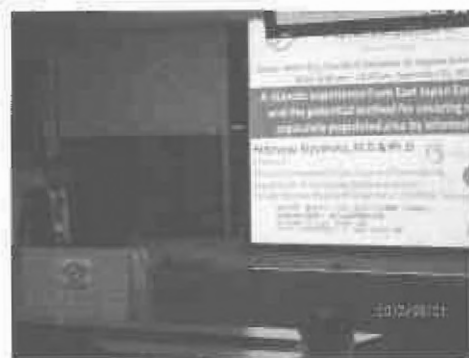
We discussed about the needs for application to perinatal medical treatment and its actual development. The two cases developed by Kyushu University and Kagawa University were first introduced. In the latter, Mr. Shoji in Chiang Mai, Thailand was connected by Skype and the demonstration of the medical consultation was shown to the audiences. For the perinatal medical treatment by using telemedicine technology, three challenges were presented.



### Session 3 : Medical treatment in a natural disaster and tele-medical service (Chair : Prof. Hasegawa)

- Medical treatment right after having a disaster (DMAT=disaster medical assistance team) (Prof. Yokoi, Kagawa University)
- Megabank plan in Tohoku (Prof. Kiyomoto , Tohoku University)
- Recovery from the disaster by ICT (Prof. Hara)

Participants could confirm that tele-medical service plays an important role in case of huge disaster like the Great East Japan Earthquake which was presented by Prof. Kiyomoto. We discussed extensively about the application of tele-medical service for medical treatment in case of disasters in Japan and Thailand.



The participants could exchange a lot of knowledge and technology together with precious information from actual application cases. We decided to continue the discussion for the better application of tele-medicine at the next international telemedicine symposium which will be held in Kagawa in October 2013.