

「Asia-Pacific Medical Network Project in
Kyushu University Hospital」 TEMDEC
(Telemedicine Development Center of Asia)
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6. Asia Telemedicine Symposium



ATSKL 2017 Program

Day 1 : Dec 15th (Friday)

08:30 - 09:30 ○ Registration

09:30 - 09:50 ○ Opening Ceremony and Keynote Presentations

Opening remarks :

ATS chairperson

Assoc. Prof. Dr Shiaw-Hooi Ho/ University of Malaya/ Malaysia

Welcome speech :

ATS 2017 Advisor and President of APDWF

YBhg. Prof. Dato' Dr Khean-Lee Goh/ University of Malaya/ Malaysia

Officiating speech & opening ceremony :

Deputy Hospital Director (on behalf of VC of University of Malaya):

YBhg. Mr Iskandar Ahmad/ University Malaya Medical Centre/ Malaysia

09:50 - 10:30 ○ Keynote Presentations and Special Lecture

Chair : Shiaw-Hooi Ho/ University of Malaya/ Malaysia

Keynote presentation :

Asia Telemedicine Activities in the 2nd Decade and Beyond

Shuji Shimizu/ Kyushu University Hospital/ Japan

Special lecture :

Telemedicine Development Group of Malaysia

Benjamin Cheah/ International Medical University/ Malaysia

10:30 - 10:45 ○ Tea Break

10:45 - 12:15 ○ Plenary Session – Application of Educational Telemedicine in Teaching Hospitals (12 min presentation + 3 min Q&A)

Chairs : Hiroshi Kashida/ Kindai University/ Japan,

Tomohiko Moriyama/ Kyushu University Hospital/ Japan,

Thawatchai Akaraviputh/ Mahidul University Siriraj Hospital/ Thailand (remote)

1. Tele-Education and Telemedicine Activities in the Last 2 Decades: USMCK Experience

Yeong-Yeh Lee/ Universiti Sains Malaysia/ Malaysia

2. Tele-Education in the Teaching of Medical Curriculum in India

Saroj K Mishra/ Sanjay Gandhi Postgraduate Institute of Medical Sciences/ India (remote)

3. Activity in the Philippines: The 2nd Telemedicine Workshop

Jeffrey P. Domino/ St. Luke's Medical Center/ the Philippines (remote)

4. Indonesian Endoscopy Case Teleconference

Kaka Renaldi/ University of Indonesia/ Indonesia

5. The Establishment of "Telemedicine-Ready" Endoscopy Centre

Christopher Khor/ Singapore General Hospital/ Singapore (remote)

6. The Utility of Telemedicine in Conducting Multi-Centre Collaborative Research

Kenshi Yao/ Fukuoka University Chikushi Hospital/ Japan

ATSKL 2017 Program

Day 1 : Dec 15th (Friday)

- 12:15 - 13:15 **Lunch**
- 13:15 - 14:00 **Poster Round**
- 14:00 - 15:05 **Telemedicine Activities 1 (10 min presentation + 3 min Q&A)**
Chairs : Yeong-Yeh Lee/ Universiti Sains Malaysia/ Malaysia
 Arbin Joshi/ Center for Rural Healthcare & Telemedicine/ Nepal
- 1. Design and Deployment of Telemedicine Infrastructure at National Resource Center (NRC) under National Telemedicine Network (NTN) over National Knowledge Network (NKN)**
 Repu Daman/ Sanjay Gandhi Post Graduate Institute of Medical Sciences/ India
 - 2. The Trial of Tele-Hands-on Using the Internet and Teleconference System**
 Motoyoshi Kawataki/ Tohoku University/ Japan (remote)
 - 3. Latin-America Telemedicine**
 Tomohiko Moriyama/ Kyushu University Hospital/ Japan
 - 4. Telemedicine Activities in Africa**
 Augustine Kaddu Musisi Ssevviri/ Makerere University (Kampala)/ Uganda (remote)
 - 5. GramHealth: An Integrated Tele-Healthcare System for Unreached Communities**
 Rafiqul Islam Maruf/ Kyushu University Hospital/ Japan
- 15:05 - 15:20 **Tea Break**
- 15:20 - 16:25 **Telemedicine Activities 2 (10 min presentation + 3 min Q&A)**
Chairs : Aria Kekalih/ University of Indonesia/ Indonesia
 Yoshikoko Sadakari/ Kyushu University/ Japan
- 1. Impact of Secured Web Based Video Conferencing in Clinical Research Analysis**
 Dinesh Taneja/ Institute of Liver and Biliary Sciences/ India
 - 2. Tele-Medical Education and Socio-Economics of Tele-Consultation Services in Non-Profit Tertiary Care Setting: Implementation Experience from India**
 Jai Ganesh/ Sri Sathya Sai Central Trust/ India (remote)
 - 3. The Role of Airlangga Dental Telemedicine to Improve Dental Education and Community Service**
 Aqsa Sjuhada Oki/ University of Airlangga/ Indonesia (remote)
 - 4. Hacking Health & Malaysian Telemedicine Development Group**
 Benjamin Cheah/ International Medical University/ Malaysia
 - 5. Technology in Supervision & Training of Surgeons**
 Vickneswaran AL Mathaneswaran/ University of Malaya/ Malaysia

ATSKL 2017 Program

Day 1 : Dec 15th (Friday)

- 16:25 - 16:35 **Report from APAN MWG**
Chair : Shiaw-Hooi Ho/ University of Malaya/ Malaysia
 Ryoko Yoshida/ Kyushu University Hospital/ Japan

- 16:35 - 16:45 **Invitation to the next ATS in 2018**
Chair : Shiaw-Hooi Ho/ University of Malaya/ Malaysia
 Tomohiko Moriyama/ Kyushu University Hospital/ Japan

- 16:45 - 17:00 **Briefing for Dinner and Group Photo (Day 1)**
Chair : Shiaw-Hooi Ho/ University of Malaya/ Malaysia

- 18:30 - 20:30 **Dinner at Restaurant Rebung Ismail**
MC : Alex Leow/ University of Malaya/ Malaysia
 ~~~ Sight-seeing around National Monument (Tugu Negara), Merdeka Square (Dataran Merdeka)  
 & Sultan Abdul Samad Building

## ATSKL 2017 Program

### Day 2 : Dec 16<sup>th</sup> (Saturday)

09:45 - 10:30 **Report from emerging members (presentation 10 min each + 5 min Q&A)**

**Chairs :** Ho-Seong Han/ Seoul National University Bundang Hospital/ Korea  
Ti-Chuang Chiang/ National Taiwan University/ Taiwan

**1. University of Medicine & Pharmacy HCMC**

Le Quang Nhan/ University of Medicine & Pharmacy HCMC/ Vietnam

**2. Dr. Moewardi General Hospital**

Poggy Indra Aditya/ Dr. Moewardi General Hospital/ Indonesia

**3. New Members from Nepal**

Niraj Acharya/ Nepal Research and Education Network/ Nepal

10:30 - 10:45 **Tea Break**

10:45 - 12:15 **Concurrent Sessions**

| JSPS (Auditorium)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Engineering Workshop (Conference Room)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <p>10:45 - 10:50 <b>Greetings</b><br/>Akira Aso/ Kyushu University Hospital/ Japan</p> <p>10:50 - 12:15 <b>Prospective survey of EGC detection rate of each hospital-Session1 (85 min/ presentation 5 min each + 3 min discussion)</b></p> <p><b>Chairs :</b><br/>Tran Quang Trung/ Hue University of Medicine and Pharmacy/ Vietnam<br/>Alex Leow/ University of Malaya/ Malaysia</p> <p><b>Commentators :</b><br/>Ahmad Najib Azmi/ Universiti Sains Islam Malaysia/ Malaysia<br/>Hiroya Ueyama/ Juntendo University/ Japan</p> <p><b>Presenters :</b></p> <p><b>1. Peking Union Medical College, China</b><br/>Qiang Wang</p> <p><b>2. Tianjin Medical University General Hospital, China</b><br/>Xu Xin</p> <p><b>3. Nanfang Medical University, China</b><br/>Huang Silin</p> <p><b>4. E Hospital, Vietnam</b><br/>Mai Dinh Minh<br/>Do Nguyet Anh (remote)</p> <p><b>5. 108 Military Central Hospital, Vietnam</b><br/>Nguyen Lam Tung (remote),<br/>Thai Doan Ky (remote)</p> | <p>10:45-10:55 <b>Greetings</b><br/>Kuriko Kudo/ Kyushu University Hospital/ Japan</p> <p>10:55-12:15 <b>Technology Update (80 min/ presentation 10 min each + 5 min Q&amp;A)</b></p> <p><b>Chairs :</b><br/>Cao Duc Minh/ The National Agency for Science and Technology Information (NASATI)/ Vietnam<br/>Yasuaki Antoku/ Oita University/ Japan</p> <p><b>Commentators :</b><br/>Wiraphon Manatarinat/ Mahidol University Siriraj Hospital/ Thailand<br/>Alvin M. de Garcia / DOST-ASTI / the Philippines<br/>Nguyen Van Tue/ Hue University of Medicine and Pharmacy/ Vietnam</p> <p><b>Presenters :</b></p> <p><b>1. MyREN Network Update</b><br/>Liana Jacinta/ Malaysian Research Education Network NOC/ Malaysia</p> <p><b>2. International Remote Medical Education in Asia and Beyond - Management of Programs</b><br/>Kuriko Kudo/ Kyushu University Hospital/ Japan</p> <p><b>3. Video Conferencing for Education</b><br/>Mohd Aminuddin Razali/ University of Malaya/ Malaysia</p> <p><b>4. APAN Technology Review</b><br/>Ti-Chuang Chiang/ National Taiwan University/ Taiwan</p> <p><b>Discussion (20 min)</b></p> |

## ATSKL 2017 Program

### Day 2 : Dec 16<sup>th</sup> (Saturday)

12:15 - 13:15

Lunch

13:15 - 14:15

Concurrent Sessions (continued)

#### JSPS (Auditorium)

**13:15 – 14:15 Prospective survey of EGC detection rate of each hospital - Session2 (60 min/ presentation 5 min each + 3 min discussion)**

##### Chairs :

Qiang Wang/ Peking Union Medical College/ China  
 Nguyen Lam Tung/ 108 Military Central Hospital/ Vietnam (remote)  
 Thai Doan Ky/ 108 Military Central Hospital/ Vietnam (remote)

##### Commentators :

Tomohiko Moriyama/ Kyushu University Hospital/ Japan  
 Zhiqin Wong/ Universiti Kebangsaan Malaysia/ Malaysia

##### Presenters :

##### 1. Viet Duc Hospital, Vietnam

Pham Thi Viet Ngoc (remote)  
 Chu Nhat Minh (remote)

##### 2. Bach Mai Hospital, Vietnam

Tran Viet Hung (remote)

##### 3. Hue University of Medicine and Pharmacy, Vietnam

Tran Quang Trung

##### 4. University of Medicine & Pharmacy at Ho Chi Minh City, Vietnam

Le Quang Nhan

#### Engineering Workshop (Conference Room)

**13:15 - 14:15 Malaysian Telemedicine Engineering Workshop (60 min/ presentation 10 min each + 5 min Q&A)**

##### Chairs :

Mohamad Zahir Ahmad/ University of Malaya/ Malaysia  
 Bani Lara/ ASTI/ the Philippines

##### Commentators :

Darwin Laurencio/ University of Philippine Manila/ the Philippines  
 Yoshiko Houkabe/ Kyushu University Hospital/ Japan

##### Presenters :

##### 1. Universiti Kebangsaan Malaysia

Zakril Izaq Bin Damanhuri

##### 2. Universiti Sains Malaysia

Mohd Kamarulzaman Bin Noh

##### 3. Universiti Sains Islam Malaysia

Sharazreen Binti Anas

##### 4. Universiti Putra Malaysia

Mohammad Rafizan Ramliy

14:15 - 14:30

Tea Break

## ATSKL 2017 Program

### Day 2 : Dec 16<sup>th</sup> (Saturday)

14:30 - 15:30 **Concurrent Sessions (continued)**

| JSPS (Auditorium)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Engineering Workshop (Conference Room)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <p><b>14:30 - 15:30 Summary of JSPS study-Session2 (60 min/ presentation 20 min each + 10 min small discussion)</b></p> <p><b>Chairs :</b> Hiroshi Kashida/ Kindai University/ Japan</p> <p><b>Commentators :</b><br/> Nazri Mustaffa/ Universiti Sains Malaysia/ Malaysia<br/> Takashi Yao/ Juntendo University/ Japan</p> <p><b>1. Asia-Pacific Tele-Learning Trial for Improving the Endoscopic Detection of Early Gastric Cancer : A Multi-center Feasibility Study</b><br/> Kenshi Yao/ Fukuoka University Chikushi Hospital/ Japan</p> <p><b>2. Future Plan of JSPS Study</b><br/> Akira Aso/ Kyushu University Hospital/ Japan</p> | <p><b>14:30 - 15:40 Hands-On Session &amp; Demo (70 min/ 35 min each)</b></p> <p><b>Chairs :</b><br/> Alvin M. de Garcia/ DOST-ASTI/ the Philippines<br/> Satyanarayana Ungarala/ Asian Institute of Gastroenterology/ India</p> <p><b>Commentators :</b><br/> Chakaphan Sookcharoen/ The Thai Red Cross Society/ Thailand<br/> Nopa Krismanto/ University of Indonesia/Indonesia<br/> Shunta Tomimatsu/ Kyushu University Hospital/ Japan</p> <p><b>Presenters :</b><br/> <b>1. Telemedicine Technical Setup</b><br/> Muhammad Hanafi/ University of Malaya/ Malaysia</p> <p><b>2. Network Troubleshooting Hands-On</b><br/> Sharizan Sumuui /MYREN/Malaysia</p> |
| <p><b>15:30 - 15:50 Summary for this project</b></p> <p>Kenshi Yao/ Fukuoka University Chikushi Hospital/ Japan</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p><b>15:40 - 15:50 Summary and Future Plan</b></p> <p>Mohamad Zahir Ahmad/ University of Malaya/ Malaysia</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

15:50 - 16:00 **Closing Remarks & Group Photo (Day 2)**  
Shiaw-Hooi Ho/ University of Malaya/ Malaysia

## The 11th Asia Telemedicine Symposium: Application of Educational Telemedicine in Teaching Hospitals

The 11th Asia Telemedicine Symposium (ATS2017) was held in Kuala Lumpur, Malaysia, on December 15th and 16th, 2017. During the two-day symposium, 44 presentations were made from 13 countries, including remote speakers. Over 150 people from 12 countries attended at the venue, University of Malaya Medical Centre. The symposium was observed by streaming in 7 other sites. Dr. Ho Shiaw Hooi, chairman of ATS2017, gave the opening remarks in line with this year's theme, "Application of Educational Telemedicine in Teaching Hospitals". He hoped that ideas can be pooled, at the same time, more concerted effort should be made to boost educational activities through the use of telemedicine in teaching hospitals. It is true that telemedicine for educational purpose is getting more recognized, and people are trying to make a profitable use of it. However, some people have limitation in activity due to lack of support, knowledge, equipment or good Internet. ATS could be a solution because both experienced medical doctors and engineers gathered there. They are opening their arms to welcome new members to expand and enrich their activity.

In the Plenary Session on Day 1, presentations on active educational telemedicine in Malaysia, India, the Philippines, Singapore and Indonesia were made. Prof. Kenshi Yao spoke on telemedicine in multi-centre collaborative research. This research involves centres in Asia, such as China, Vietnam, Thailand, Bangladesh, etc. Telemedicine helps international researches, which contribute to world healthcare, to work smoothly despite physical distance.

Day 2 started with reports from emerging institutions. Mr. Poggy Indra Aditya, Indonesia, described in his presentation how relationship between doctors and engineers changed after the 1st Indonesia Telemedicine Workshop in 2016. One of the aims of our activity is to create a good relationship between doctors and engineers. His presentation proved that it is coming along. Concurrent sessions, JSPS seminar and Engineering Workshop, followed. Heated discussions were engaged in both sessions, from both perspectives of medical doctors and engineers.

ATS comes back to Fukuoka, Japan, for the 12th meeting in November of 2018. Prof Shimizu



Figure 6-1 Group photo with local participants

passes the baton to Dr. Tomohiko Moriyama to be chairman of the symposium. Our telemedicine group is growing, welcoming new comers including successors of founders who created the platform of telemedicine. A flow of telemedicine is spreading to new members and generations. We hope to see all the pioneers and those who forge the future of telemedicine in the next ATS.

(Ryoko Yoshida)