

「超高速ネットワークを利用したアジア遠隔医療プロジェクト」TEMDEC (Telemedicine Development Center of Asia)活動報告：第15巻

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5. アジア遠隔医療シンポジウム



The poster features a dark blue background with a stylized world map composed of white and blue geometric shapes. A large white number '12' is positioned to the right of the word 'Asia'. A diagonal orange banner with the text 'TELEMEDICINE: EXPANDING TO THE WORLD' in white capital letters runs across the center. Below the main title, the event details are listed in white text. Logos for Kyushu University, TEMDEC, Asi@Connect, and TEIN'CC are shown on the left. A list of program highlights is on the right. Three portraits of key figures are included: the Symposium Chairman, the Organizing Committee Director, and the Program Chairman.

Asia Telemedicine Symposium

Jointly with The 22nd Annual Academic Conference of
the Japanese Telemedicine and Telecare Association

November 9 (Fri.) - 10 (Sat.), 2018

Venue :
Centennial Hall Kyushu University School of
Medicine, Kyushu University Hospital,
Fukuoka, Japan

**TELEMEDICINE:
EXPANDING TO THE WORLD**

Program Highlights

- International Tele-Consultation & Tele-education
- Global Expansion of Remote Medical Education
- Panel Discussion: Local Engineering Session
- Active Countries/ Active Programs
- Research and Education Network in Asia
- Emerging Telemedicine in Africa

Symposium Chairman
Tomohiko Moriyama, MD, PhD

**Organizing Committee
Director**
Shuji Shimizu, MD, PhD

Program Chairman
Kuriko Kudo, PhD

For more information, please visit
http://www.temdec.med.kyushu-u.ac.jp/eng/our_asia.html

Logos:
KYUSHU UNIVERSITY
TEMDEC Telemedicine Development Center of Asia
Asi@Connect
European Union
TEIN'CC COOPERATION CENTER

ATS 2018 Program



Friday, November 9th
Venue: Room 1 (Main Hall)

Simultaneous translation (English/Japanese, Day1 only)

8:30 -	Registration
8:50-9:00	Opening Remarks Shuji Shimizu / JTTA2018 chairman/ Japan Tomohiko Moriyama / ATS2018 chairman/ Japan
9:00-9:25	(Room: Hall 1&2) APAN Medical General Session Chair: Shuji Shimizu / APAN Medical Working Group chair/ Japan 1. Secretariat report Tomohiko Moriyama / Kyushu University Hospital/ Japan 2. Application team ShiawHooi Ho / University of Malaya/ Malaysia 3. Local engineering team Kuriko Kudo / Kyushu University Hospital/ Japan
9:30-11:00 (90 min)	International Tele-Consultation & Tele-education Chairs: Hiroyuki Morita / Gifu University/ Japan Hachihei Kurematsu / BHN Association/ Japan Presentation: (7 min + 3 min Q&A) 1. Investigation of Communication and Settlement Environment Concerning Commercialization of On-line Medical Practice in Asian Countries Takayuki Kohri / Tone Central Hospital/ Japan 2. Telemedicine in Other Countries Junko Kishimoto / NTT Data Institute of Management Consulting, Inc./ Japan 3. Approach to Remote Medical Consultation at Kyushu University Hospital Rikako Sagara / Kyushu University Hospital/ Japan 4. A System that Automatically Invokes People Who Can Do Remote Interpretation to Eliminate Language Barriers of Foreigners Harumitsu Sasaki / Borderless Vision CO.,LTD/ Japan 5. Role of International Tele-education with Live Surgery for Preclinical Medical Students' Early Exposure to Surgery Taiki Moriyama / Kyushu University Hospital/ Japan 6. International Teleconference for Fetal Diagnosis of Congenital Heart Disease among Taiwan, China and Japan Motoyoshi Kawataki / Kanagawa Children's Medical Center/ Japan 7. Improvement in the Indonesia Neuroimmunology Teleconference on 2018: Expanding the Network to Provide Better Service across Indonesia Arthur H.P. Mawuntu / Faculty of Medicine Universitas Sam Ratulangi, R.D. Kandou Hospital/ Indonesia 8. Exploring the Role of Telemedicine in Improving Access to Healthcare Services by Women and Girls in Rural Nepal Rajan Parajuli / Nepal Research and Education Network/ Nepal
11:00-12:00 (60 min)	Special Lecture: Smoking Cessation Chair: Tomohiko Moriyama / ATS2018 chairman/ Japan 1. Telemedicine and Telecare on Progress of Smoking Cessation in Japan Yuko Takahashi / Kyoto University/ Japan

12:10-13:00 (50 min)	Luncheon Seminars (in Japanese) *In Room 2&3 (Room 2: Slide in English)
13:10-15:00 (110 min)	Telemedicine beyond Geographic Border Chairs: Takayuki Kohri / Tone Central Hospital/ Japan Hiroyuki Yoshimine / Inoue Hospital/ Japan Presentation: (12 min + 5 min Q&A) 1. Possibility of Telemedicine for Overseas Japanese - From the Viewpoint of Medical Attache Takanori Inose/ Ministry of Foreign Affairs of Japan/ Japan 2. Telemedicine of Sleep Disordered Breathing among Japanese Expatriates in China Hiroyuki Yoshimine/ Inoue Hospital/ Japan 3. Case Study on Deploying Telemedicine in Asia Hachihei Kurematsu/ BHN Association/ Japan 4. Teleradiology and Inbound Business Kenei Shie/ ViewSend ICT/ Japan 5. Proven Effectiveness of Telemedicine Based Health-care Services for Arsenic Victims in Rural Bangladesh Anwarul Haque/ Tokyo Medical Dental University/ Japan 6. The Exploration of Telemedicine Application in Punan Hospital Weidong Liu/ Shanghai Punan Hospital/ China
15:00-15:30 (30 min)	Coffee Break
15:30-17:30 (120 min)	Global Expansion of Remote Medical Education Chairs: Shuji Shimizu / Kyushu University Hospital/ Japan Christopher Khor / Singapore General Hospital & Duke-NUS Medical School/ Singapore Keynote speech: (15 min) Shuji Shimizu / Kyushu University Hospital/ Japan Presentation: (10 min + 4 min Q&A) 1. Saga University Video Conference for Improvement and Standardization of Surgical Technique at Affiliated Hospitals Tatsuya Manabe/ Saga University/ Japan 2. Telemedicine in E-Learning Implementation at Faculty of Dental Medicine Universitas Airlangga Aqsa Sjuhada Oki/ Universitas Airlangga/ Indonesia 3. The Endoscopic Club E-conference and Various Other Special Interest Groups of the APAN Medical Working Group ShiawHooi Ho/ University of Malaya/ Malaysia 4. Latin Endoscopy Teleconference Pablo Cortes/ Clinica Alemana/ Chile 5. Russian-Japanese Clinical Case Teleconference on Gastrointestinal Endoscopy: Start up and Initial Experience Roman Kuvaev/ Yaroslavl Regional Cancer Hospital/ Russia (remote) 6. Medical Scientific Exchange between Iraq and Japan via Telemedicine Meeting Kunio Saiki/ the Embassy of Japan in Iraq / Iraq (remote) 7. Feasibility of Distant Education on Fetus Ultrasound for Midwives in Tanzania Yoko Shimpuku/ Kyoto University/ Japan Remote Discussants: 1. Juvie Villaflores, Milben Abril Malbog/ Dagupan Doctors Villaflores Memorial Hospital/ the Philippines 2. Roman Kuvaev/ Yaroslavl Regional Cancer Hospital/ Russia 3. Kunio Saiki/ the Embassy of Japan in Iraq / Iraq 4. Felix K. Sukums/ Muhimbili University of Health and Allied Sciences/ Tanzania 5. Yumiko Igarashi/ St. Luke's International University/ Japan
18:30-20:30	Reception

ATS 2018 Program



Saturday, November 10th
Venue: Room 2 (Hall 1&2)

Official language: English

8:30-	Registration
9:00-10:30 (90 min)	Panel Discussion: Local Engineering Session- Technical Preparation for Successful Events Chairs: Kuriko Kudo/ Kyushu University Hospital/ Japan Ti-Chuang Chiang/ National Taiwan University/ Taiwan Presentation (5 min): 1. Video Conferencing System for Philippine Telemedicine Alvin M. de Gracia/ Advanced Science and Technology Institute/ the Philippines 2. Technical Problem Solving Construction for ID-Endoscopy Tunggul Laksono/ Brawijaya University/ Indonesia 3. Successes and Technical Problems of Live Demonstrations Satyanarayana Ungarala/ Asian Institute of Gastroenterology/ India 4. Zoom.us Video Conferencing System: Application, Infrastructure and Success Story for University Mohamad Zahir Ahmad/ University of Malaya/ Malaysia (remote) 5. JoinView: Content Sharing System for Telemedicine Conferences Shintaro Ueda/ Kyushu University Hospital/ Japan 6. ENDOSCOPY 2018 Technical Setup: Feedback and Echo During Live Operation from Multiple OT to Large Hall Venue Muhamad Hanafi Abu Bakar/ University of Malaya/ Malaysia (remote) 7. Telemedicine for Rural Hospitals Dwi Basuki/ Sriwijaya University/ Indonesia (remote) Panel Discussion (30 min): Panelist: 1. Tomoyuki Wakamura/ Cisco Systems/ Japan 2. Kazuhiro Matsui/ Cisco Systems/ Japan 3. Osamu Kikuchi/ NEC Networks & System Integration Corporation/ Japan 4. Satoshi Shimakata/ Zoom Video Communications/ Japan 5. Fumihiko Kimura/ Unixon Systems Co.,Ltd/ Japan 6. Hiroshi Sato/ V-cube, Inc./ Japan Discussant: 1. Alvin M. de Gracia/ Advanced Science and Technology Institute/ the Philippines 2. Tunggul Laksono/ Brawijaya University/ Indonesia 3. Satyanarayana Ungarala/ Asian Institute of Gastroenterology/ India 4. Mohamad Zahir Ahmad/ University of Malaya/ Malaysia 5. Shintaro Ueda/ Kyushu University Hospital/ Japan 6. Nguyen Van Tue/ Hue University of Medicine and Pharmacy/ Vietnam (remote) 7. Chakaphan Sookcharoen/ The Thai Red Cross Society/ Thailand
10:30-12:00 (90 min)	Active Countries/ Active Programs Chairs: Rungsun Rerknimitr/ Chulalongkorn University/ Thailand Le Thanh Ni/ Cho Ray Hospital/ Vietnam Presentation: (8 min + 4 min Q&A) 1. Telemedicine Network of The Philippines: Out to Reach. Out to Teach. Katherine M. Panganiban/ St. Luke's Medical Center/ the Philippines 2. The development of telemedicine in Indonesia in the past 3 years Dadang Makmun, Kaka Renaldi/ University of Indonesia/ Indonesia 3. Telemedicine in Nepal, The Journey We Have Travelled Udaya Koirala, Puja Lama/ Center for Rural Health and Telemedicine Kathmandu Model Hospital/ Nepal

	4. International Cooperation Activities Focused on Information Communication Technology for Medical Application in Remote and Rural Area Yosuke Uchiyama/ KDDI Foundation/ Japan 5. Extending gastroenterology training and mentorship in remote pacific islands using video-tele conferencing and other technologies Chris Hair/ Australia and New Zealand Gastroenterology International Training Association/ Australia (remote) 6. Establishing TeleOphthalmology at Ospital ng Makati (New Member) Vicente Victor Ocampo/ Ospital ng Makati/ the Philippines 7. The Impact of Tele-ophthalmology Vans in Combating Blindness in Rural Areas in the State of Tamil Nadu, India Sheila John/ Sankara Nethralaya/ India (remote)
12:00-12:30 (30 min)	Break
12:30-13:30 (60 min)	Luncheon Seminar Demonstration of International Teleconference: Introduction of Ozaki AVNeo (Aortic Valve Neo-cuspidization) through Step by Step Clinical Procedure Video Sponsored by the Ministry of Economy, Trade and Industry (METI) Chair: Shinji Miyamoto/ Oita University/ Japan Remote participants: Adil Sadiq/ Sakra World Hospital/ India Le Ngoc Thanh/ E-Hospital/ Vietnam Budi Rahmat/ National Cardiovascular Center Harapan Kita/ Indonesia Opening remarks: (5 min) Shinji Miyamoto/ Oita University/ Japan “Medical TAKUMI Japan” project outline: (5 min) Shin Sakaguchi/ Ministry of Economy, Trade and Industry/ Japan Ozaki AVNeo outline: (20 min) Shigeyuki Ozaki/ Toho University/ Japan Ozaki AVNeo lecture by using clinical procedure video: (10 min) Shigeyuki Ozaki/ Toho University/ Japan Q&A: (10 min)
13:30-15:00 (90 min)	Expanding Applications in Tele-education and e-Health Chairs: Thawatchai Akaraviputh/ Mahidol University Siriraj Hospital/ Thailand Dinesh Kumar Taneja/ Dr B R Ambedkar University Delhi/ India Presentation: (8 min + 3 min Q&A) - Regular Teleconference on Cardiac Surgery between Japan and Indonesia Budi Rahmat/ National Cardiovascular Center Harapan Kita/ Indonesia (remote) - Telemedicine of Congenital Heart Disease Among Taiwan, Japan, and China Tungyao Chang/ Taiji Clinic/ Taiwan - Remote Medical Education in Vietnam Hai An Ha Phan/ Hanoi Medical University/ Vietnam - Telemedicine in Bangladesh: A Qualitative Study of Perspectives Jakir Hossain Bhuiyan Masud/ Taipei Medical/ Taiwan (remote) - Virtual Telepathology and Radiology for Quick Responses (Viphyl) Agung Budi Sutiono/ Hasan Sadikin Hospital-Padjadjaran University/ Indonesia - State of Telemedicine R&D and eHealth Governance in the Philippines Vincent John H. Tumlos/ Philippine Council for Health Research and Development/ the Philippines - Web Based Tele-consultations Using “e-Sanjeevani” Amit Agarwal/ Post Graduate Institute of Medical Education and research/ India (remote) - Integrated Telemedicine Kiosks or Health ATM for Clinical Screening Repu Daman/ School of Telemedicine & Biomedical Informatics (STBMI)/ India (remote)
15:00-15:30 (30 min)	Coffee Break

ATS 2018 Program

15:30-16:30
(60 min)

Research and Education Network in Asia: Recent Updates

Chairs: **Aria Kekalih**/ University of Indonesia/ Indonesia
Minh Cao Duc/ VinaREN-NASATI/ Vietnam

Presentation: (10 min + 5 min Q&A)

1. PREGINET Updates
Bani Lara/ Advanced Science and Technology Institute/ the Philippines (remote)
2. Addressing Resource Gap in Telemedical Education in Bangladesh
A K M Habibur Rahman/ BdREN/ Bangladesh
3. Distance Education for Medical Doctors Using Kyrgyz Research and Education Network
Arianna Akmatova / Central Asian Research and Education Network (CAREN)/ Kyrgyzstan
4. TEIN, the Playground for Telemedicine
Sanggyun Kim/ TEIN*CC/ South Korea (remote)

16:30-17:45
(75 min)

Emerging Telemedicine in Africa: Expectation and Limitation

Chairs: **Shuji Shimizu**/ Kyushu University Hospital/ Japan
Sanggyun Kim/ TEIN*CC/ South Korea (remote)

Presentation: (6 min + 4 min Q&A)

1. Project of Cooperation between Telemedicine Development Center of Asia and Khartoum Training Center
Abdelmounem E Abdo/ WGO Khartoum Training Center/ Sudan
2. Opportunities for Endoscopy Training in the African WGO Centers
Sandie Thomson/ South Africa WGO/ South Africa (remote)
3. The application of telemedicine for future endoscopic training programs @ the WGO Lagos Training Centre
Ganiyat Oyeleke/ Nigeria WGO/ Nigeria (remote)
4. Challenge for the Establishment of International Telemedicine in Nigeria
Eyitayo Adebayo/ Rome Business School/ Italy
5. "Congo Room": An Experience Report on the Use of the TEMDEC Platform for Connecting Institutions of The Democratic Republic of Congo to Outside Africa
Evariste Tshibangu Kabamba/ Oita University/ Japan
6. WACREN - Connecting West and Central Africa to the Global Research and Education Network
Omo Oaiya/ WACREN/ Nigeria (remote)
7. Ubuntunet Alliance The pan African Regional REN that Provides Platform and tools for African Researchers
Pascal Hoba/ Ubuntunet Alliance/ Malawi (remote)

Remote Discussant

1. **Kunio Saiki**/ the Embassy of Japan in Iraq/ Iraq

17:45-18:00
(15 min)

Closing Ceremony

MC: **Ryoko Yoshida**/ Kyushu University Hospital/ Japan

1. Next ATS
Jeffrey J.P. Domino/ St. Luke's Medical Center/ the Philippines
2. Closing Remarks
Tomohiko Moriyama/ ATS2018 chairman/ Japan

Asia
Telemedicine
Symposium

12th Asia Telemedicine Symposium

Day 1

November 9th (Fri.)
Room: Main Hall

● Simultaneous translation (English/Japanese, Day1 only)

Opening remarks 8:50-9:00



Shuji Shimizu
JTTA2018 chairman
Japan



Tomohiko Moriyama
ATS2018 chairman
Japan

APAN Medical General Session Venue: Room 2 (Hall 1&2) 9:00-9:25



Chair
Shuji Shimizu
APAN Medical Working
Group chairman
Japan



Tomohiko Moriyama
Kyushu University Hospital
Japan



ShiawHooi Ho
University of Malaya
Malaysia



Kuriko Kudo
Kyushu University Hospital
Japan

International Tele-Consultation & Tele-education 9:30-11:00



Arthur H.P. Mawuntu
Faculty of Medicine Universitas
Sam Ratulangi, R.D. Kandou Hospital
Indonesia



Rajan Parajuli
Nepal Research and Education
Network
Nepal

Special Lecture: Smoking Cessation 11:00-12:00



Chair
Tomohiko Moriyama
ATS2018 chairman
Japan

Global Expansion of Remote Medical Education 15:30-17:30



Chair
Shuji Shimizu
Kyushu University Hospital
Japan



Chair
Christopher Khor
Singapore General Hospital &
Duke-NUS Medical School
Singapore



Aqsa Sjuhada Oki
Universitas Airlangga
Indonesia



ShiawHooi Ho
University of Malaya
Malaysia



Pablo Cortes
Clinica Alemana
Chile



Roman Kuvaev
Yaroslavl Regional
Cancer Hospital
Russia



Kunio Saiki
the Embassy of Japan in Iraq
Iraq

Remote Discussant



Juvie Villafior
Dagupan Doctors Villafior
Memorial Hospital
the Philippines



Milben Abril Malbog
Dagupan Doctors Villafior
Memorial Hospital
the Philippines



Roman Kuvaev
Yaroslavl Regional Cancer
Hospital
Russia



Kunio Saiki
the Embassy of Japan in Iraq
Iraq



Felix K. Sukums
Muhimbili University of
Health and Allied Sciences
Tanzania



Yumiko Igarashi
St. Luke's International
University
Japan

Day 2

November 10th (Sat.)
Room: Hall 1&2

● Official language: English

Panel Discussion 9:00-10:30



Chair
Kuriko Kudo
Kyushu University Hospital
Japan



Chair
Ti-Chuang Chiang
National Taiwan University
Taiwan

Speaker



Alvin M. de Gracia
Advanced Science and
Technology Institute
the Philippines



Tunggul Laksono
Brawijaya University
Indonesia



**Satyanarayana
Ungarala**
Asian Institute of Gastroenterology
India



**Mohamad Zahir
Ahmad**
University of Malaya
Malaysia



Shintaro Ueda
Kyushu University Hospital
Japan



**Muhamad Hanafi
Abu Bakar**
University of Malaya
Malaysia



Dwi Basuki
Sriwijaya University
Indonesia

Panelist



Tomoyuki Wakamura
Cisco Systems
Japan



Kazuhiro Matsui
Cisco Systems
Japan



Osamu Kikuchi
NEC Networks & System
Integration Corporation
Japan



Satoshi Shimakata
Zoom Video
Communications
Japan



Fumihiko Kimura
Unixon Systems Co.,Ltd
Japan



Hiroshi Sato
V-cube, Inc.
Japan

Discussant



Alvin M. de Gracia
Advanced Science and
Technology Institute
the Philippines



Tunggul Laksono
Brawijaya University
Indonesia



**Satyanarayana
Ungarala**
Asian Institute of Gastroenterology
India



**Mohamad Zahir
Ahmad**
University of Malaya
Malaysia



Shintaro Ueda
Kyushu University Hospital
Japan



Nguyen Van Tue
Hue University of
Medicine and Pharmacy
Vietnam



Chakaphan Sookcharoen
The Thai Red Cross Society
Thailand

< Telemedicine: Expanding to the World >

Active Countries/ Active Programs 10:30-12:00



Chair
Rungsun Rerknimitr
Chulalongkorn University
Thailand



Chair
Le Thanh Ni
Cho Ray Hospital
Vietnam



Katherine M. Panganiban
St. Luke's Medical Center
the Philippines



Dadang Makmun
University of Indonesia
Indonesia



Kaka Renaldi
University of Indonesia
Indonesia



Udaya Koirala
Center for Rural Health and
Telemedicine Kathmandu
Model Hospital
Nepal



Puja Lama
Center for Rural Health and
Telemedicine Kathmandu
Model Hospital
Nepal



Yosuke Uchiyama
KDDI Foundation
Japan



Chris Hair
Australia and New Zealand
Gastroenterology International
Training Association
Australia



Vicente Victor Ocampo
Hospital ng Makati
the Philippines



Sheila John
Sankara Nethralaya
India

Luncheon Seminar

12:30-13:30



Chair
Shinji Miyamoto
Oita University
Japan



Speaker
Shigeyuki Ozaki
Toho University
Japan

Remote participant



Adil Sadiq
Sakra World Hospital
India



Le Ngoc Thanh
E-Hospital
Vietnam



Budi Rahmat
National Cardiovascular Center
Harapan Kita
Indonesia

Expanding Applications in Tele-education and e-Health

13:30-15:00



Chair
Thawatchai Akaraviputh
Mahidol University
Siriraj Hospital
Thailand



Chair
Dinesh Kumar Taneja
Dr B R Ambedkar
University Delhi
India



Budi Rachmat
National Cardiovascular Center
Harapan Kita
Indonesia



Tungyao Chang
Taiji Clinic
Taiwan



Hai An Ha Phan
Hanoi Medical University
Vietnam



Jakir Hossain Bhuiyan Masud
Taipei Medical
Taiwan



Agung Budi Sutiono
Hasan Sadikin Hospital-
Padjadjaran University
Indonesia



Vincent John H. Tumlos
Philippine Council for Health
Research and Development
the Philippines



Amit Agarwal
Post Graduate Institute of
Medical Education and
research
India



Repu Daman
School of Telemedicine &
Biomedical Informatics
(STBMI)
India

Research and Education Network in Asia: Recent Updates 15:30-16:30



Chair
Aria Kekalih
University of Indonesia
Indonesia



Chair
Minh Cao Duc
VinaREN-NASATI
Vietnam



Bani Lara
Advanced Science and
Technology Institute
the Philippines



A K M Habibur Rahman
BdREN
Bangladesh



Arianna Akmatova
Central Asian Research and
Education Network (CAREN)
Kyrgyzstan



Sanggyun Kim
TEIN'CC
South Korea

Emerging Telemedicine in Africa: Expectation and Limitation

16:30-17:45



Chair
Shuji Shimizu
Kyushu University Hospital
Japan



Chair
Sanggyun Kim
TEIN'CC
South Korea



Abdelmounem E Abdo
WGO Khartoum Training
Center
Sudan



Sandie Thomson
South Africa WGO
South Africa



Ganiyat Oyeleke
Nigeria WGO
Nigeria



Eyitayo Adebayo
Rome Business School
Italy



Evariste Tshibangu Kabamba
Oita University
Japan



Omo Oaiya
WACREN
Nigeria



Pascal Hoba
Ubuntunet Alliance
Malawi



Kunio Saiki
the Embassy of
Japan in Iraq
Iraq

Closing Ceremony

17:45-18:00



MC
Ryoko Yoshida
Kyushu University Hospital
Japan



Jeffrey J.P. Domino
St. Luke's Medical Center
the Philippines



Tomohiko Moriyama
ATS2018 chairman
Japan

第 12 回アジア遠隔医療シンポジウム報告書

11 月 9 日、10 日に九州大学の百年講堂において第 12 回アジア遠隔医療シンポジウムが開催された。今回は第 22 回日本遠隔医療学会学術大会との合同開催であったが、海外から約 50 名の医師やエンジニアが本シンポジウムに参加した。

今回の ATS のテーマは「Telemedicine: Expanding to the World」で、学会初日の開会式では、チェアマンがこれまでの遠隔医療の歩みについて述べると同時に、これから世界へさらに活動を広げていく夢が語られた。これまで、遠隔医療を行うための高品質な映像と音声を伝送するためには高速の研究教育用ネットワークが必須であったが、商用インターネットの改善と遠隔会議システムの技術進歩に伴い、今や世界中のどこでも遠隔医療を行うことができるようになった。今回の ATS は、そのことを参加者全員で共有するのに良い機会となった。

第 1 日目は国境を超えた遠隔医療相談、遠隔医療教育、遠隔診療についての複数のセッションが行われ、日本やアジア諸国から国際間の遠隔相談、遠隔教育について発表がなされた。多国間を接続した医療教育プログラムや遠隔病理診断など様々な発表があったが、その中でも医務官による在外日本人の診療に関する発表は大変興味深かった。赴任地において医務官は一人で診察、診断、治療を行わなければならない、日本では当たり前になっているチーム医療をリアルタイムで行うことは非常に困難で、医務官同士のメールでのやり取りでコンサルテーションを行っている。TEMDEC が中心となって行っている、高品質の映像、音声を用いた遠隔会議システムは彼らの日常診療において大いなる助けとなる可能性を有しており、医務官と専門家をつなぐプログラムなどの必要性が実感された。

ランチョンセミナーでは、日本で初めて禁煙外来を開設された高橋先生より喫煙による健康被害や禁煙プログラムについての講演があった。アジア諸国では依然として喫煙率が高いこともあり、禁煙させるコツなどについて聴衆から様々な質問があり、会場は大変盛り上がった。

2 日目は、すでに活発に遠隔医療を行なっている国や施設からの発表が多数あった。その中には、TEMDEC とは関係なくそれぞれの施設が独自に行っているものも多数含まれており、活発な質疑応答やディスカッションが交わされた。最後のセッションでは南アフリカやスーダン、ナイジェリア、コンゴ民主共和国といったアフリカの国々を接続し、同地における医療の現状や課題などについての発表が行われた。アフリカは医療資源に乏しく、医療過疎地も多数あることから、遠隔医療が寄与できる余地は非常に大きいと思われ、今後の展開に大きな期待を抱いた。

最後に、来年の ATS がフィリピンで開催されることが発表された。これからの一年で、インターネットや遠隔会議システムのさらなる技術革新が期待される。それに伴い、遠隔医療が世界隅々にいきわたり、世界の健康にますます寄与していることを期待したい。



(森山 智彦)

第22回 The 22nd Japanese Telemedicine and Telecare Association 日本遠隔医療学会学術大会 JTTA 2018 FUKUOKA

～合同開催 第12回アジア遠隔医療シンポジウム～

広げよう遠隔医療！ 地域へ、そして世界へ



会期 2018年11/9^金・10^土

会場 九州大学医学部百年講堂・同窓会館

大会長 清水 周次 九州大学病院 国際医療部 教授
(九州大学病院 アジア遠隔医療開発センター センター長)

●プログラム委員長 中島 直樹 九州大学病院 メディカル・インフォメーションセンター 教授
(九州大学病院 国際診療支援センター センター長)

●実行委員長 森山 大樹 九州大学病院 光学医療診療部 准教授
(九州大学病院 海外交流センター 副センター長)

大会
事務局

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