

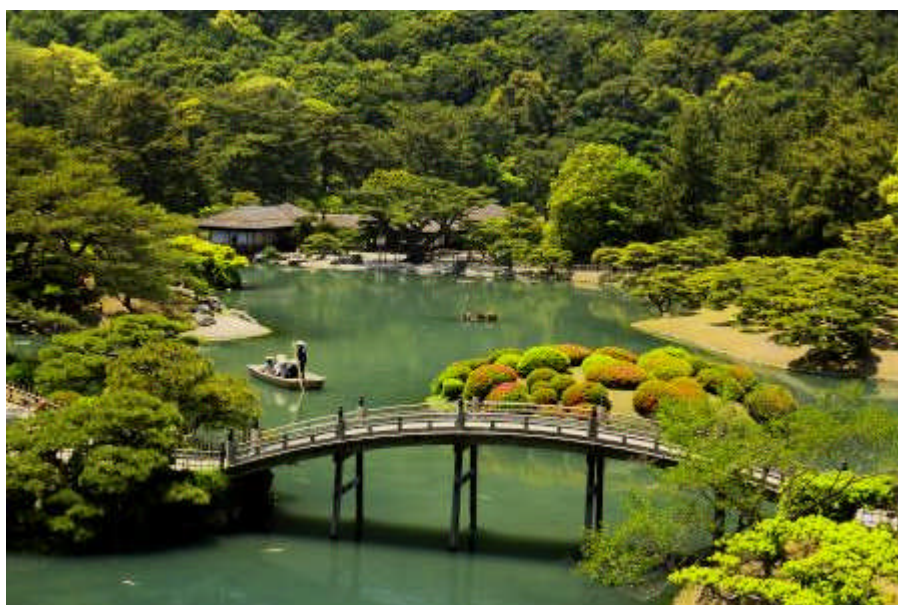
October 1, 2013



The 18th ISfTeH International Conference in Japan

The Construction of an International Collaboration with Telemedicine

Program (Final Revision)



October 17 (Thursday) to 20 (Sunday), 2013

**Sunport Hall Takamatsu
Sunport 2-1, Takamatsu, Kagawa 760-0019, Japan**

2013/10/1

The 18th ISfTeH International Conference Organizing Committee

**Japanese Telemedicine and Telecare Association
International Society for Telemedicine and eHealth**

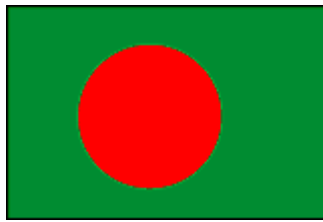
October 1, 2013

Participants are from 22 countries.

Australia



Bangladesh



Belgium



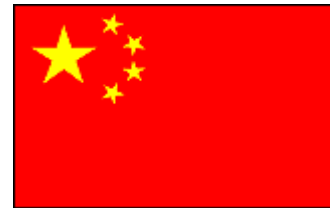
Brazil



Canada



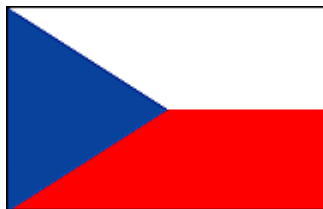
China



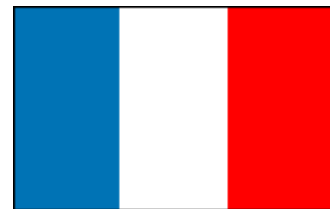
Colombia



Czech Republic



France



India



Indonesia



Republic of Korea



Lithuania



Mexico



Nigeria



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Portugal



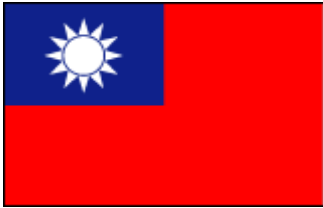
Russia



South Africa



Taiwan



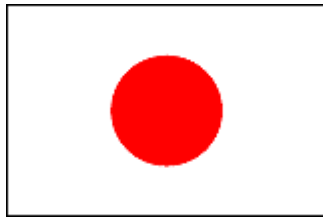
Thailand



USA



Japan



Event Time Table

Registration	Entrance Lobby of Small Hall 1/ Sunport Hall Takamatsu 4F		
October 17 Thursday	13:00-17:00		
October 18 Friday	08:30-17:00		
October 19 Saturday	08:30-14:00		

Opening Ceremony	Small Hall 1/ Sunport Hall Takamatsu 4F		
October 18 Friday	09:00-09:30		

Award and Closing Ceremony	Small Hall 1/ Sunport Hall Takamatsu 4F		
October 19 Saturday	16:30-17:00		

Exhibition	Conference Room 61/ Sunport Hall Takamatsu 6F		
October 18 Friday	09:00-17:00		
October 19 Saturday	09:00-15:00		

Luncheon Seminar (in Japanese)	Small Hall 2/ Sunport Hall Takamatsu 5F		
October 18 Friday	12:30-13:30		
October 19 Saturday	12:00-13:00		

Luncheon Seminar (in English)	Kagawa International Conference Hall/ Symbol Tower 6F		
October 18 Friday	12:30-13:30		
October 19 Saturday	12:00-13:00		

Open Lectures and Concert for the Citizens (in Japanese)

	Big Hall/ Sunport Hall Takamatsu 3F		
	October 18 Friday 16:00-18:00		
Chair	Kazuhiro Hara Kagawa University/ Tokushima Bunri University		
1	"Telemedicine in Japan"		
	Hiroshi Tanaka	Tokyo Medical and Dental University	
2	"Kagawa Special Region Project for Medicine and Welfare"		
	Hideki Inoshita	Kagawa Prefecture Government	
3	Flute and piano performance		
	Yoshie Ueno		

Drink Service	Entrance Lobby of Kagawa International Conference Hall/ Symbol Tower 6F		
October 18 Friday	10:30-11:00	15:00-15:30	
October 19 Saturday	10:00-10:30	14:15-14:45	15:00-15:30

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Welcome Reception

October 17 Thursday

Restaurant Mikayla

18:00-20:00

Joint Social Reception

October 18 Friday

JR Hotel Clement Takamatsu

19:00-21:00

ISfTeH Board Meeting

October 19 Saturday

Conference Room 53/ Sunport Hall Takamatsu 5F

12:00-13:00

ISfTeH General Assembly

October 19 Saturday

Kagawa International Conference Hall/ Symbol Tower 6F

16:00-16:30

Excursion (Chartered Bus Tour)

October 20 Sunday

Let's find the Japanese traditional cultures in Kagawa!

09:00-16:40

Minimum participants: 20

Attendant fee: 5,500JPY

Chartered bus

JR Hotel Clement Takamatsu ===== Historical Museum of the Tale of Heike ==

9:00

9:15

10:15

Lunch

===== Ritsurin Garden ===== Sanuki Mengyo ===== Kompira Shrine ==

10:30

11:30

11:45

12:30

13:30

15:00

=====Takamatsu Airport ===== JR Takamatsu Station

15:50

16:00

16:40

October 1, 2013

JTTA/ ISfTeH Joint Keynote Lectures

October 18 Friday

Small Hall 1/ Sunport Hall Takamatsu 4F

09:30-10:00 JKL-1/ Joint Keynote Lecture 1

Chair Kazuhiro Hara President of JTTA Japan

“Telemedicine: Victories Won and Challenges Ahead”

Steven Normandin Vice President of ISfTeH, AMD Global Telemedicine USA

10:00-10:30 JKL-2/ Joint Keynote Lecture 2

Chair Frank Lievens Secretary of ISfTeH Belgium

“Network System of Electronic Patient Medical Record for Telemedicine and Telecare in Kagawa Prefecture and International Future Deployment”

Kazuhiro Hara President of JTTA Japan

10:30-11:00 JKL-3/ Joint Keynote Lecture 3

Chair Hideto Yokoi Kagawa University Hospital Japan

“Telemedicine and Regional Healthcare Information Networks in Japan”

Hiroshi Tanaka Tokyo Medical and Dental University Japan

11:30-12:00 JKL-4/ Joint Keynote Lecture 4

Chair Masaaki Tokuda Kagawa University Japan

“The regional medical support by telemedicine for disaster-stricken areas by Tohoku Medical Megabank Organization (ToMMo)”

Hideyasu Kiyomoto Tohoku University Japan

12:00-12:30 JKL-5/ Joint Keynote Lecture 5

Chair Masatsugu Tsuji University of Hyogo Japan

“Collaborative Workflows: Empowering both providers and patients to lower costs and improve care delivery outcomes”

Mark Blatt Intel Corp. USA

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International Keynote Lectures

October 19 Saturday

Room1: Kagawa International Conference Hall/ Symbol Tower 6F

09:00-09:30 IKL-1/ International Keynote Lecture 1

Chair Masayuki Honda Nagasaki University Hospital Japan

“Beyond Cutting Ribbons and Flowerily Inauguration”

Rifat Latifi Arizona University USA

09:30-10:00 IKL-2/ International Keynote Lecture 2

Chair Ikuo Tofukuji Takasaki University of Health and Welfare Japan

“Why and How FRANCE BECAME A TELEMEDICINE COUNTRY”

Andre Petitet CATEL, Head of the International Commission France

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International Symposiums

October 18 Friday

Room1: Kagawa International Conference Hall/ Symbol Tower 6F

17:00-18:30 ISY- 111/ International Symposium Quit Smoking

- | | | | |
|-------|---|---|-------------------|
| Chair | Kaoru Ashimine | Okinawa Prefectural Chubu Hospital | Japan |
| | Ikuo Tofukuji | Takasaki University of Health and Welfare | Japan |
| 1 | “Tobacco Quitline as coordinating mechanism for promoting smoking cessation for 10 million smokers” | | |
| | Hiroyuki Noda | Ministry of Health, Labour and Welfare | Japan |
| 2 | “Evolving Quitline with e-health Technology : High Performance and Low Cost” | | |
| | Min Kyung Lim | National Cancer Center | Republic of Korea |
| 3 | “Smoking Cessation Activities in Thailand” | | |
| | Jintana Yunibhand | Thailand National Quitline | Thailand |
| 4 | “Kinen-marathon as patients-to-patients quitting model in Japan” | | |
| | Yuko Takahashi | Nara Women’s University | Japan |
-

Room2: Conference Room 54/ Sunport Hall Takamatsu 5F

13:30-15:00 ISY- 121/ International Symposium e-Health Economics

- | | | | |
|-------|--|---------------------------|-------|
| Chair | Masatsugu Tsuji | | |
| | University of Hyogo | | Japan |
| 1 | “Economic Evaluation of the “Long-term” and “Short-term” Effects of Telecare” | | |
| | Yuji Akematsu | Osaka University | Japan |
| 2 | “Introducing Multi-media Communication for Regional Medicine: Nagahama Telemedicine Project” | | |
| | Tomohiro Kuroda | Kyoto University Hospital | Japan |
| 3 | “Legal Interpretation of Face-to-Face Consultation via Communications Circuit” | | |
| | Isao Nakajima | Tokai University | Japan |
| 4 | “Issues of Telemedicine Reimbursement in Japan: Analysis from e-Health Economics” | | |
| | Masatsugu Tsuji | University of Hyogo | Japan |

October 19 Saturday

Room2: Conference Room 54/ Sunport Hall Takamatsu 5F

10:30-12:00 ISY- 221/ International Symposium Tele-homecare

- | | | | |
|-------|---|---|--------------|
| Chair | Koichi Sampei | India Welfare Village Society | Japan |
| 1 | “ICT-Based BP Measurement in Rural Clinics in India” | | |
| | Koichi Sampei | India Welfare Village Society | Japan |
| 2 | “ICT Utilization by smart phones and cloud-based services in Home Care Medicine in Japan” | | |
| | Junichiro Toya | Sakura-shinmachi Urban Clinic | Japan |
| 3 | “Moving e-Health to the ‘Home’ – Thinking it Through” | | |
| | Richard E. Scott | University of KwaZulu Natal | South Africa |
| 4 | “Telemedicine landscape of India” | | |
| | Saroj Mishra | Sanjay Gandhi Post Graduate Institute of Medical Sciences | India |

Room3: BB Square/ e-Topia Kagawa 4F

10:30-12:00 ISY- 231/ International Symposium Telepathology

- | | | | |
|-------|---|---|-------------------|
| Chair | Taizo Shiraisihi | Mie University | Japan |
| | Mika Watanabe | Tohoku University | Japan |
| 1 | “Applications of z-axis video for cytology (Zavic) to various cytology practices” | | |
| | Katsushige Yamashiro | Hokkaido Cancer Center | Japan |
| 2 | “Clinical Guidelines for Telepathology Practices” | | |
| | Yasunari Tsuchihashi | Luis Pasteur Medical Research Center Kyoto | Japan |
| 3 | “Telepathology of routine pathology slides supports rural medical system” | | |
| | Ichiro Mori | Mita Hospital, International University of Health and Welfare | Japan |
| 4 | “Morphologic Diagnosis and International Collaboration in Telemedicine” | | |
| | Keizo Furuya | Ehime Prefectural Central Hospital | Japan |
| 5 | “Nation-Wide Survey of Digital pathology and Image Analysis in Korea” | | |
| | Kim Dae Cheol | Dong-A University College of Medicine | Republic of Korea |

Oral Presentations

October 18 Friday

Room1: Kagawa International Conference Hall/ Symbol Tower 6F

13:30-15:00 IGS- 111/ Fetal, Pregnant and Perinatal Telemedicine 1

- | | | | |
|-------|--|--|-----------|
| Chair | Rintaro Mori | National Center for Child Health and Development | Japan |
| 1 | “Minimum Hardware Smart Simple and Wearable System for Patient Conducted Trans-Network Remote Fetal Monitoring, Proposed Architecture with Evaluations of Subsystem and Component” | | |
| | Yasuhito Takeuchi | Akibagaoka Signaling Laboratory | Japan |
| 2 | “Remote Monitoring Program of High Risk Pregnant Women and Fetus in Mexico” | | |
| | José Carmelo Rangel Breña | Center for Engineering and Industrial Development | Mexico |
| 3 | “DigiMAPS : A Multimodal Communication System for Maternal Health Care in Indonesia” | | |
| | Hadi Hariyanto | TELKOM Indonesia | Indonesia |
| 4 | “Acceptance and User Experience of Online System for Mother and Children Health Record: A Preliminary Study” | | |
| | Andri Qiantori | PT. Telekomunikasi Indonesia | Indonesia |
| 5 | “Cluster randomized controlled trial of maternal and child health handbook and birth cohort study in Mongolia: Implication for new technology” | | |
| | Rintaro Mori | National Center for Child Health and Development | Japan |
| 6 | “High Risk Pregnancy Management System in Beijing” | | |
| | Song Yu | Beijing Obstetrics and Gynecology Hospital, Capital Medical University | China |

15:30-17:00 IGS- 112/ Fetal, Pregnant and Perinatal Telemedicine 2

- | | | | |
|-------|--|-----------------------------------|-------|
| Chair | Yasuhito Takeuchi | Akibagaoka Signaling Laboratory | Japan |
| 1 | “Remote Fetal-Maternal Checkup on Cloud Computing Environment in South-western Hokkaido” | | |
| | Takahiko Shimmi | Sapporo Medical University | Japan |
| 2 | “The efficacy of mobile cardiocogram in perinatal care of remote islands in Japan” | | |
| | Kohei Odagiri | Naze Tokushukai Hospital | Japan |
| 3 | “Regional collaboration in our perinatal center utilizing the web-version electronic patients records” | | |
| | Michiko Kido | Japanese Red Cross Medical Center | Japan |
| 4 | “ICT utilization by perinatal medical care in Iwate prefecture” | | |

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- 5 Tsuneo Yamada Medical Information System Development Center Japan
“Supporting regionalised perinatal care by telemedicine – acute care consultation, ward rounds and clinical education outreach”
- Nigel R. Armfield The University of Queensland Australia
6 “The Medical ICT Utilization for Perinatal Telemedicine in Remote Areas”
- Yhuko Ogata Mitla Co. Japan

Room2: Conference Room 54/ Sunport Hall Takamatsu 5F

15:30-16:30 IGS- 121/ International Collaboration

- Chair Shuji Shimizu Kyushu University Japan
Andrey I. Selkov Russian Association for Telemedicine Russia
- 1 “The Role of ISfTeH in The International Context of Telemedicine/eHealth”
Frank Lievens ISfTeH Belgium
- 2 “Role of the Technique of Business Planning of UNIDO – WORLD Bank In Success of Telemedical Projects of the Russian Association for Telemedicine”
Andrey I. Selkov Russian Association for Telemedicin Russia
- 3 “Telemedicine combined with Data Set of Medical Tourism Reduces Risk of Patients and Hospitals”
Min Hu Kyushu University Japan
- 4 “International collaborations on remote medical education in Asia and beyond: 10-year experience”
Shuji Shimizu Kyushu University Japan

16:30-17:00 IGS- 122/ Telemedicine and Society

- Chair Tamara Eliseeva Scientific Clinical Centre JSC "Russian Railways" Russia
- 1 “Telehealth Business Model Development in Indonesia”
Ediana Sutjiredjeki Politeknik Negeri Bandung Indonesia
- 2 “Social significance of telemedicine”
Tamara Eliseeva Scientific Clinical Centre JSC "Russian Railways" Russia

17:00-17:30 IGS- 123/ E-prescription

- Chair Naomi Iihara Tokushima Bunri University Japan
- 1 “A Preliminary Survey of E-prescription Readiness in Nigeria”
Emuoyibofarhe O. Justice Ladoke Akintola University of Technology Nigeria
- 2 “A community electronic prescription system—the expectation by pharmacists”
Naomi Iihara Tokushima Bunri University Japan

17:30-18:30 IGS- 124/ Mobile Telemedicine

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Chair	Naoki Kodama	Takasaki University of Health and Welfare	Japan
	Cirano Iochpe	Universidade Federal do Rio Grande do Sul	Brazil
1	“A Context Aware Mobile Agent Middleware Framework For Remote Patient Monitoring”		
	Akomolafe O. P	University of Ibadan	Nigeria
2	“Health applications in mobile devices”		
	Diego Alejandro Parra Álvarez	Nueva Granada Military University	Colombia
3	“Integrating mHealth Into A Chronic Disease Management Program For Elder Patients With Diabetes in Brazil”		
	Cirano Iochpe	Universidade Federal do Rio Grande do Sul	Brazil
4	“Effectiveness of Preventive Healthcare through Telemedicine in Bangladesh”		
	Partha Pratim Ghosh	Grameen Communications	Bangladesh

October 19 Saturday

Room1: Kagawa International Conference Hall/ Symbol Tower 6F

10:30-11:15 IGS- 211/ Tele-nursing

Chair	Tomoko Kamei	St. Luke’s College of Nursing	Japan
	Domantas Stundys	Vilnius University Hospital Santariškių Klinikos	Lithuania
1	“PrimCareIT – the use of teleconsultation and telementoring solutions for counteracting brain drain and professional isolation of health professionals in remote primary health care”		
	Domantas Stundys	Vilnius University Hospital Santariškių Klinikos	Lithuania
2	“Development and Implementation of Evidence-based Guidelines for Telenursing Practice for Patients with Chronic Obstructive Pulmonary Disease in a Japanese Setting”		
	Tomoko Kamei	St. Luke’s College of Nursing	Japan
3	“Study of Telenursing System that Promotes Self-care of Patient with Chronic Obstructive Pulmonary Disease”		
	Yuko Yamamoto	St. Luke’s College of Nursing	Japan

11:15-12:00 IGS- 212/ Tele-ophthalmology

Chair	Reiko Kinouchi	Asahikawa Medical University	Japan
	Yogesana Kanagasalingam	School of Medicine, University of Notre Dame	Australia
1	CREST: A Cost effective e-Network for DR and glaucoma screening in rural Guangdong, China		
	Tiantian Ye	Zhongshan Ophthalmic Center, Sun Yat-sen University	China
2	“Innovative, low cost telemedicine based diabetic retinopathy screening systems”		
	Yogesana Kanagasalingam	School of Medicine, University of Notre Dame	Australia
3	“Educational Use and Cost of a Telemedicine Microsurgery Support System for Medical Students”		

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Reiko Kinouchi Asahikawa Medical University Japan

13:00-14:15 IGS- 213/ General/Policy

- Chair André PETITET CATEL, Head of the International Commission France
 Richard Scott University of KwaZulu Natal South Africa
- 1 “Clinical Decision Support System – National project of Lithuania – designed for
 Telemedicine and other purposes.”
 Lina Barzdaite Vilnius University Hospital Santariskiu klinikos Lithuania
- 2 “Managing Health Evacuations in a Globalized World”
 Luís Velez Lapão Universidade Nova de Lisboa Portugal
- 3 “Disaster e-Health’ – A Proposed Research Network”
 Richard Scott University of KwaZulu Natal South Africa
- 4 “Telemedicine Solution for the Nigerian Defence - The Nigerian Army”
 AJ Owosho Military Hospital Lagos Nigeria
- 5 “USE OF TELEMEDICINE TOOLS”
 André PETITET CATEL, Head of the International Commission France

14:45-15:45 IGS- 214/ New Technologies

- Chair Tetsuo Sakamaki Gunma University Japan
- 1 “Daily assessment tool of disease activity of rheumatoid arthritis by using a smartphone
 application: a feasibility study”
 Shu Nishiguchi Graduate School of Medicine, Kyoto University Japan
- 2 “Detection effects by thumbnail image in a medical image support system using
 transmitting delay path of satellite communication”
 Takayuki Suga Shibaura Institute of Technology Japan
- 3 “Human identification by impulse response representation of ECG”
 Minkyu Kim Myongji University Republic of Korea
- 4 “Development of New Electrocardiogram Reconstruction Method Using State Space Model”
 Minkyu Kim Myongji University Republic of Korea

Room2: Conference Room 54/ Sunport Hall Takamatsu 5F

13:00-14:15 IGS- 221/ Tele-cardiology

- Chair Junichi Ninomiya Medical Division, Professional Doctors Net Japan
 Adolfo Sparenberg the Institute of Cardiology of Rio Grande do Sul Brazil
- 1 “A Simple Technique for Enhancing 12-Lead ECG Interoperability on the Application of
 Telemedicine”
 Jui-chien Hsieh Yuan Ze University Taiwan
- 2 “A New 12-Lead ECG Mobile Learning Service in the Cloud for Medical Education”

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- Jui-chien Hsieh Yuan Ze University Taiwan
3 “A trial Fibrillation Detection through a Public Multipoint Telecardiology Platform in Southern Brazil”
Adolfo Sparenberg the Institute of Cardiology of Rio Grande do Sul Brazil
4 “A Pilot Study for the Setup of Tele-CCU”
Ching-Ying Chiang Chang Gung Memorial Hospital Taiwan
5 “Usefulness of management of cardiac pacemaker implanted patients by a portable electrocardiogram monitoring system”
Junichi Ninomiya Medical Division, Professional Doctors Net Japan

14:45-15:30 IGS- 222/ Education

- Chair Nobuhiro Sakata Dokkyo Medical University Japan
1 “ISfTeH Students Working Group: Bringing eHealth Initiatives to the Future Professionals”
Adolfo Sparenberg ISfTeH Brazil
2 “An International Telemedicine Curriculum?”
Maurice Mars Dept of TeleHealth, University of KwaZulu-Natal South Africa
3 “Learning opportunities of telemedicine literacy for medical and nursing students”
Nobuhiro Sakata Dokkyo Medical University Japan

15:30-16:15 IGS- 223/ Electronic Health Record

- Chair Hiroshi Kondoh Tottori University Hospital Japan
Frederick North Mayo Clinic USA
1 “When should you be using the patient portal for telemonitoring?”
Frederick North Mayo Clinic USA
2 “EPR and PACS sharing system applying cloud technology and XDS/XDS-I”
Hiroshi Kondoh Tottori University Hospital Japan
3 ““Team Kagawa” developed newly clinical pathway for diabetes mellitus on medical IT, K-MIX”
Koji Murao Kagawa University Japan

Room3: BB Square/ e-Topia Kagawa 4F

13:00-14:15 IGS- 231/ Remote-monitoring

- Chair Koichi Kurita Kinki University Japan
Emuoyibofarhe O. Justice Ladoke Akintola University of Technology Nigeria
1 “Remote Monitoring of Patients Vital Signs”
Emuoyibofarhe O. Justice Ladoke Akintola University of Technology Nigeria
2 “A respiration measurement system for sleep apnea syndrome monitoring using an

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accelerometer”

YounTae KIM Myongji University Republic of Korea

3 “Remote monitoring Technique for Physical Activity Estimation by means of the Internet”

Koichi Kurita Kinki University Japan

4 “InspectLife – solution for providing telecare and telehealth”

Jiří Potůček Charles University Prague Czech Republic

5 “Patient empowerment using telemonitoring and self-monitoring in the multilingual patient health portal VIVAPORT.EU”

Rolandas Bėrontas Vilnius University Hospital Santariskiu klinikos Lithuania

14:45-16:00 IGS- 232/ Evaluation

Chair Takashi Hishitani Saitama Children’s Medical Center Japan

Giichiro Ohno Tokatsu Hospital Japan

1 “Evidence for Person-Centered Care in Telehealth Research”

Claudia C. Bartz International Council of Nursest USA

2 “Remote epilepsy clinic using a video conferencing system”

Ayumi Narisawa Kesenuma City Hospital Japan

3 “What E-health can do and cannot ? : Experimental practice of e-health supporting system between Antarctic Station and Japan”

Giichiro Ohno Tokatsu Hospital Japan

4 “Tele-consultation service for Japanese long-stayers in Chiang Mai, Thailand”

Masaaki Tokuda Kagawa University Japan

5 “Accuracy of telediagnosis of fetal heart disease using ultrasound image transmission via Internet”

Takashi Hishitani Saitama Children’s Medical Center Japan

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JTTA 2013 Japanese Presentations

October 18 Friday

Hall1: Small Hall 1/ Sunport Hall Takamatsu 4F

13:30-15:00 JTTA Keynote Lecture 1

“Extension of Healthcare Innovation in the Cloud Era”

Kiyoshi Itao

The Advanced Institute of Wearable Environmental Information
Networks

15:30-17:00 Telemedicine Study Group by MHLW Budget

Chair Tetsuo Sakamaki Gunma University

Takashi Hasegawa Gunma University Hospital

Hiroki Okada Kagawa University

1 “Prospective multicentre case-control study of telemedicine in clinical events, travelling time, QOLs for home medical care”

Takayuki Kohri Tone Central Hospital

2 “The home care information sharing in IT age”

Takashi Hasegawa Gunma University Hospital

3 “The study of the promotion policy of the telemedicine”

Takashi Hasegawa Gunma University Hospital

1700-1830 Assistance and evaluation of Home care

Chair Masatsugu Tsuji University of Hyogo

Takayuki Kohri Tone Central Hospital

1 “Usefulness of the Team Care System using Mobile Terminals on Patients with Intractable Neurological Diseases”

Akiyo Hineno Shinshu University School of Medicine

2 “Efficacy of health information exchange using mobile tablet”

Daigo Miyazaki Shinshu University School of Medicine

3 “Clinical applications of telerehabilitation for a child from physical therapist’s standpoint”

Matsukiyo Ayumi Shinano Handicapped Children's Hospital

4 “Long-term Effect of Telecare Intervention on Patients with Chronic Diseases”

Yuji Akematsu Osaka University

5 “Region-contained Tele-nursing system in a large snowbound area”

Hiromi Kikuchi Sapporo City University

6 “Effective Use of a Tablet Terminal in the Visiting Nurse Works”

Kanako Ishii University of Hyogo

Hall2: Small Hall 2/ Sunport Hall Takamatsu 5F

13:30-15:00 SIG Life monitoring

Chair Ryoji Suzuki Gunma University Hospital

1 “Problem of Monitoring in Home Telecare”

Ryoji Suzuki Gunma University Hospital,

15:30-16:15 Regional healthcare information sharing 1

Chair Eisuke Hanada Shimane University Hospital

1 “A trial of a multimedia telecommunication system for intractable disease teleconsultation”

Eisuke Hanada Shimane University Hospital

2 “Achievement of Tele-Ophthalmology utilizing Telemedicine Support System”

Kazuomi Hanada Asahikawa Medical University

3 “Educational use of Telemedicine microsurgery support system to Medical students”

Reiko Kinouchi Asahikawa Medical University

16:30-17:00 Advanced Hospital Information Systems

Chair Kohji Uemura Kagawa University

1 “Expansion of EPR sharing system with SS-MIX2, XDS and XDS-I”

Hiroshi Kondoh Tottori University Hospital

2 “Ubiquitous Sensor Network Environment in Hospital using BT-AP Antenna”

Tadamasa Takemura University of Hyogo

17:00-17:30 SIG Home care

Chair Takamasa Ohta Ohta Hospital

1 “Telemedicine Implementation to Niimi Area Medical Care”

Takamasa Ohta Ohta Hospital

2 “The multi-occupational description cooperation information-sharing base in Residential Medical care Liaison Center”

Masami Fujiwara NDS Corporation

17:30-18:30 Advanced new technologies

Chair Akifumi Sakamoto Oki Electric Industry Co., Ltd

1 “Introduction of Remote Healthcare Management System for The Prevention of Parent to Child Transmission of HIV/AIDS program in India”

Isao Kimura Thousand Success Consulting Inc.

2 “Propagation Characteristics of 400MHz Band Radio for Vital Sensor”

Takeshi Umemoto Fujitsu Kyusyu Network Technologies Limited

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3 “Development of medication management and health management systems using a tablet phone”

Hiroki Matsumoto Maebashi Institute of Technology

4 “Trial of DVTS connection by commercial networks in Japan for telemedicine”

Kuriko Kudo Kyushu University Hospital

October 19 Saturday

Hall1: Small Hall 1/ Sunport Hall Takamatsu 4F

09:00-10:00 JTTA Keynote Lecture 2

Chair Testuo Sakamaki Gunma University

“Telemedicine at the viewpoint of a home medical treatment practitioner”

Keigo Yasukawa Toriden Shirakawa Medical Corporation

10:30-12:00 JTTA/JCS Joint Symposium/ Telemedicine for the Cardiovascular Diseases

Chair Testuo Sakamaki Gunma University

Yuichiro Saito Gunma University

1 Tutsuyuki Manaka Tokyo Women’s Medical University

2 Maiko Miura Sakakibara Heart Institute

3 Hiroshi Nonoki Shizuoka General Hospital

4 Hiroyuki Kamata Morioka Red Cross Hospital

13:00-14:00 JTTA Keynote Lecture 3

Chair Kazuhiro Hara Kagawa University

“On the policies of Medical Information Systems and unified ID System – Towards the construction of Electronic Health Records Systems”

Kazuyuki Nakayasu Ministry of Health, Labour and Welfare

14:00-15:00 Perinatal medicine with ICT

Chair Toshihiro Ogasawara Iwate prefectural Ofunato hospita

1 “A challenge utilizing data cooperation system of the medical information network “Thatov” and electronic medical recoding system for perinatal medicine”

Toshihiro Ogasawara Iwate prefectural Ofunato hospital

2 “Cooperation utilizing web-based electric patient records in the metropolitan perinatal center”

Michiko Kido Japanese Red Cross Medical Center, Dept. of Obstetrics and Gynecology

3 “Chiba Maternal transport system and perinatal electric health records”

Makoto Suzuki, Kameda General Hospital

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4 “Case Report of a mobile cardiogram in perinatal care in Amami Islands”

Rei Fujiyama Naze Tokushukai Hospital

15:30-16:30 Regional healthcare information sharing 2

Chair Takehiro Matsumoto Nagasaki University

1 “The telemedicine system for emergency medicine(k-support) in Kaifu Hospital: Analysis of 30 cases”

Fumiaki Obata Tokushima Prefectural Kaifu Hospital,

2 “The telemedicine and telecare supported system for Kaifu hospital (k-support) using mobile phone and internet -Contribution to early diagnosis and treatment for acute stroke -”

Teruyoshi Kageji Tokushima University Hospital

3 “The Development of the intelligent Remote diagnostic imaging system for the Emergent medicine, easy consultation and Teleradiology”

Takehiro Matsumoto Nagasaki University Hospital,

4 “Clinical Network with Personal Cloud Server for Cancer Surveillance Program”

Takayuki Asao Department of Cancer Therapy Innovation, Gunma University

Hall2: Small Hall 2/ Sunport Hall Takamatsu 5F

09:00-09:45 Surveillance of Influenza Pandemic

Chair Isao Nakajima Tokai University School of Medicine

1 “The detection and evaluation of the flapping of wings by the three axis accelerometer mounted on Japanese pheasant”

Toshihiko Kitano Tokai University School of Medicine

2 “Study on OOK modulation of the S-band Tx/Rx module for birds”

Leonid Androuchko Tokai University School of Medicine,

3 “A Development of Compact 4ch ECG Datalogger for Birds”

Isao Nakajima Tokai University School of Medicine

10:30-12:00 Life monitoring

Chair Masayuki Honda Nagasaki University Hospital

Ryoji Suzuki Gunma University Hospital

1 “Regional health supporting system based on networking between regional hospital and group-home”

Masayuki Honda Nagasaki University Graduate School of Biomedical Sciences

2 “A Fundamental Study on the Effect of Watching Home-care Patient using Life-log 2”

Kaori Fujimura NTT Secure Platform Laboratories

3 “Telemedicine using a Telecare System Composed of Commercially Available Equipment

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and Application Services for the Clinical Examination of Elderly People”

Satoki Homma School of Medicine, Kyorin University

4 “Field test about the smart phone application development to improve quality of the communication of a medical worker and pregnant women”

Masatoshi Sugita NTT East Medical Center Tokyo

5 “A Fundamental Study on Methods for Detecting Change in Home-care Patient’s ADL by Monitoring Physical Activity Level”

Miho Ikeda NTT Secure Platform Laboratories