Activity Report of Asia-Pacific Medical Network Project in Kyushu University Hospital: Vol. 4

清水, 周次
九州大学病院

中島, 直樹
九州大学病院

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6. Event Report

1) Programs

#97 Live surgery demonstration of laparoscopic heptectomy 2007.5.8
Date: May 8th (Tue) 13:30-16:30
Scheduled surgery: Laparoscopic left lobectomy for intrahepatic duct stone
Connecting stations:

1. Kyushu University Hospital, Fukuoka, Japan
   Moderator: Shimizu S
   Discussant: Nakamura M
   Engineers: Okamura, Torata, Kuwahara, Irie (Allied-Telesis)
2. Seoul National Bundang Hospital, Bundang, Korea
   Operator: Han HS
   Engineers: Lee JH
3. Iwate Medical University, Morioka, Japan
   Discussants: Wakabayashi G, Sasaki A
   Engineers: Shimomura
4. Fujimoto-Hayasuzu Hospital, Miyazaki, Japan
   Discussants: Sakurai T, Otani K
   Engineers: Matsumoto, Nishimu-Densi

Program:
13:15~ Operation starts
13:30-13:35 Opening remarks: Shimizu/Kyushu, Han/Bundang
13:35-13:45 Greetings from each station: Wakabayashi/Iwate, Sakurai/Miyazaki
13:45-13:50 Case presentation: Bundang Hosp
13:50-16:20 Operation and discussion
16:20-16:30 Closing remarks: Wakabayashi/Iwate

Remarks:
1. Live surgery comes from SNU Bundang Hospital
2. Network configuration and local settings.
   - IP sec protocol is used to protect patient privacy, using VPN router AR550s (Allied Telesis). Live surgical image should be protected.
3. Others
   - This is an informal teleconference to learn laparoscopic surgery. Please feel free to ask any questions during event.
Live demonstration of colon surgery at Chinese Medical Association

“minimally invasive surgery and colorectal cancer”

Date: June 21st (Thr)
Time: 9:00-11:30 China time (Japan 10:00-12:30)
Scheduled operation:

Laparoscopic sigmoidectomy (changed from LAR due to patient conditions)

Connecting stations:
1. Shanghai Jiaotong U First People’s Hospital, Shanghai, China
   Chairpersons: Qiu Z, Huang K
2. Iwate Medical U, Morioka, Japan
   Chairpersons: Okuda J, Sasaki A
   Operator: Otsuka K
3. Kyushu U, Fukuoka, Japan
   Moderator: Shimizu S
   Discussants: Ueki T, Tanabe Y, Tao J
4. Taipei Veteran General Hospital, Taipei, Taiwan
   Discussant: Yang SH

Program:

8:00- (JP, 9:00- ) Network connection is ready and operation starts?
9:00-9:10 (JP, 10:00-10:10) Opening remarks: Qiu Z/Shanghai
9:10-9:20 (JP, 10:10-10:20) Greetings and staff introduction from each station:
   Iwate, Kyushu, Taipei
9:20-9:30 (JP, 10:20-10:30) Case presentation: Iwate Medical U
9:30-11:20 (JP, 10:30-12:20) Operation and discussion
*11:30-12:00 (JP, 12:30-13:00) Maximum extension of the live demonstration
Live demonstration of laparoscopic gastric surgery at Chinese Medical Association 2007.6.22

Date: June 22nd (Fri)
Time: 12:30-15:30 China time (Thailand: 11:30-14:30, Japan 13:30-16:30)
*15:30-16:00 (after surgery): Tele-lecture from Tokyo Med Dent U (Dr Kojima)

Scheduled operation:
Laparoscopy-assisted distal gastrectomy

Connecting stations:
1. Shanghai Jiaotong U First People's Hospital, Shanghai, China
   Chairpersons: Qiu Z, Huang K
2. Kyushu U, Fukuoka, Japan
   Moderator: Shimizu S
   Operator: Nagai E
3. Tokyo Medical Dental U, Tokyo, Japan
   Discussant: Kojima K
4. Chulalongkorn U, Bangkok, Thailand
   Discussant: Patpong N

Program:
11:30- (TH 10:30-   JP 12:30-   )
   Network connection is ready and operation starts?
   Opening remarks: Qiu Z/Shanghai
   Greetings and staff introduction: Shanghai, Kyushu, Tokyo, Bangkok
12:50-13:00 (TH 11:50-12:00   JP 13:50-14:00)
   Case presentation: Kyushu U
13:00-15:20 (TH 12:00-14:20   JP 14:00-16:20)
   Operation and discussion
   Closing remarks: Patpong N
15:30-16:00 (TH 14:30-15:00   JP 16:30-17:00)
   Tele-lecture by Dr Kojima K
Laparoscopic function preserving gastrectomy for early gastric cancer
**Symposium on Advance in Minimally Invasive Surgery for Digestive System Malignancies** Shanghai 2007

**Time Table**

### June 20 (Wednesday):
8:00am~
Register, accommodation

### June 21st (Thursday):
8:00am~8:15am
Opening Remark

8:15am~9:00am
Advance in laparoscopic surgery for gastrointestinal malignancies
Prof. Qiu Zheng-jun

9:00am~11:30am
Multi-station Teleconference (live surgery)
Laparoscopic assistant colorectomy (Operator: Otsuka)
Iwate Medical U, Morioka, Japan
Shanghai Jiaotong Univ, Shanghai
Kyushu U, Fukuoka, Japan
Teipei Veteran General Hospital, Taiwan

Lunch Break

13:30pm~14:15pm
Current status for laparoscopic gastrectomy for gastric cancer
Prof. Mu Yi-ping

14:15pm~15:00pm
Anatomic technique for laparoscopic Proctectomy for rectal cancer
Prof. Hu San-yuan

15:15pm~16:00pm
Current status for laparoscopic surgery for benign gastric tumors
Prof. Qiu Min

16:00pm~16:45pm
Endoscopic palliative therapy for perianampullary malignancy: Indications, Methods and Results
Prof. Zheng Ping

### June 22nd (Friday):
8:00am~8:40am
Current status for laparoscopic colorectomy for colorectal cancer
Prof. Zheng Min-hua

9:00am~11:00am
Live Surgery: Lap. Colorectomy for colorectal cancer
Operator Prof. Zheng Min-hua

Lunch Break

12:30am~15:30am
Multi-station teleconference
Live surgery: LADG
Kyushu U, Fukuoka, Japan (Operator: Dr. Nagai)
6. Event Report

1) Programs

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>15:30pm-16:00pm</td>
<td>Laparoscopic function preserving gastrectomy for early gastric cancer</td>
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<tr>
<td>16:00pm-17:00pm</td>
<td>Laparoscopic surgery for pancreatic/biliary tumors</td>
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<td>17:30pm</td>
<td>Dinner Party</td>
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June 23rd (Saturday):

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00am-9:00am</td>
<td>Fundamental Research Progress in Laparoscopic Surgery</td>
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<tr>
<td>9:00am-11:00am</td>
<td>Live surgery: laparoscopic colectomy</td>
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<td></td>
<td>Lunch</td>
</tr>
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<td></td>
<td>Check out</td>
</tr>
</tbody>
</table>
Date: Aug 29th (Wed) 11:00-12:30 China time (New Dehli 8:30-10:00, Bangkok 10:00-11:30, Florida 22:00-23:30)

Connecting stations:
1. Sheraton Xi’an Hotel, Xi’an venue, China
   Chairperson: Hina
2. ERNET office, Mumbai, India
   “Telemedicine and Primary Care Needs in Developing Countries”
   Dr. A. Nandakumar, ERNET, Mumbai
3. Chulalongkorn U, Bangkok, Thailand
   “Art Therapy in Developing Countries and in Post Disaster Zones”
   Dr. Gaelynn Wolf Bordonaro jointly with Burapha University
4. Florida International U, Florida, USA
   “Primary Urologic and Gynecologic Care”
   Dr. Mike Simon, Laporoscopic nephrectomy, Memorial Miramar Hospital
   Dr. Giri Talluri, discussion, South Miami Hospital
   Dr. Ana Tamayo, Hysteroscopy and Uterine Ablation, Memorial Miramar Hospital

1. Teleconference between 4 stations
2. Network configuration will be illustrated and announced later by Prof Okamura.
   - We use one line of DVTS, whose bandwidth is about 30Mbps.
   - Images from 4 stations are controlled by Quatro, located at Kyushu U CC.
   - NTSC camera or PAL/NTSC converter will be necessary at Xi’an, Mumbai, and Bangkok.
   - IP sec protocol is NOT used.
3. Schedule
   - Check network situation and DVTS at Xian, Mumbai and Florida.
   - The first network test should be planned probably in July.
#103 24th APAN meeting Xi’an - Live demonstration of endoscopy 2007.8.29

Live demonstration of endoscopy at APAN-Xian

Date: Aug 29th (Wed) 14:00-17:30 China time (Japan, Korea 15:00-18:30, Thailand 13:00-16:30, Germany 800-11:30)

Connecting stations:

1. Sheraton Xi’an Hotel, Xi’an venue, China
   Chairperson: Shimizu

2. Kyushu U, Fukuoka, Japan
   Moderator: Yada
   Operator: Yoshinaga

3. Kyoto 2nd Red-Cross Hospital, Kyoto, Japan
   Moderator: Tanaka
   Operator: Yasuda

4. Hanyang U, Seoul, Korea
   Moderator: Hahm JS, Choi HS

5. National Taiwan U, Taipei, Taiwan
   Moderator: Wang HP

6. Mahidol U Siriraj Hospital, Bangkok, Thailand
   Moderator: Somchai, Thawatchai

7. Malaysia NOC, Kuala Lumpur, Malaysia
   Moderator: Salem O

8. Universitasklinikum Hamburg-Eppendorf, Hamburg, Germany
   Moderator: Dr. Thonke, Dr. Seitz and Dr. Groth

1. Endoscopy demonstration comes from both Kyushu U and Kyoto Red Cross Hospital
2. Network configuration will be illustrated and announced later by Prof Okamura.
   - We use one line of DVTS, whose bandwidth is about 30Mbps.
   - Images from 8 stations are controlled by new-Quatro, located at Kyushu U CC.
   - NTSC camera or PAL/NTSC converter will be necessary at Xi’an, Mahidol, Kuala Lumpur and Hamburg.
   - **IP sec protocol is used** to protect patient privacy, using VPN router AR550s (Allied Telesis). We need to discuss how to prepare this router at Xi’an, Kyoto, Hanyang, and Germany. Check again with NTU, Mahidol, and Malaysia.
   - Prepare flat monitors at each station for better quality

3. Schedule
   - Network situation will be discussed early June, and optic fiber has to be connected to Hamburg.
   - Prepare instruments necessary for DVTS set-up at Xi’an, Kyoto, and Hamburg. Check again with Hanyang.
#104 24th APAN meeting Xi'an  - Nurse teleconference 2007.8.30

Date: Aug 30th (Wed) 11:00-12:30 China, Vietnam, Indonesia time (Japan 12:00-13:30)
Connecting stations:

1. Sheraton Xi’an Hotel, Xi’an venue, China  
   Chairperson: Sakurai S
2. Red Cross International Nursing College, Fukuoka, Japan  
   Moderator: Kita E, Ikeda M
3. Back Mai Hospital, Hanoi, Vietnam  
   Moderator: Loi DD, Thai TB (IOIT)
4. U of Indonesia, Jakarta, Indonesia  
   Moderator: Ali S

1. Teleconference between 4 stations
2. Network configuration will be illustrated and announced later by Prof Okamura.
   - We use one line of DVTS, whose bandwidth is about 30Mbps.
   - Images from 4 stations are controlled by Quatro, located at Kyushu U CC.
   - NTSC camera or PAL/NTSC converter will be necessary at Xi’an, Hanoi, and Jakarta.
   - IP sec protocol is NOT used.
3. Schedule  
   - Check network situation and DVTS at Xian, Jakarta, and Hanoi.
#105 24th APAN meeting Xi’an - Surgery teleconference 2007.8.30

Live surgery demonstration of laparoscopic colo·rectal at APAN-Xian

Date: Aug 30th (Thr) 14:00-17:30 China time (Japan, Korea 15:00-18:30, Thailand 13:00-16:30, Sydney 15:00-18:30, France 8:00-11:30)

Connecting stations:
1. Sheraton Xi’an Hotel, Xi’an venue, China
   Chairperson: Han HS
2. Korea U Hospital, Seoul, Korea
   Operator: Kim SH
3. Japan: Tokyo Medical Dental University
   Moderator: Kojima K, Sugihara K, Enomoto
4. National University of Singapore, Singapore
   Moderator: Lomanto D
5. University Philippine Manila
   Moderator: Hilvano SC
6. Tata Memorial Hospital, Mumbai, India
   Moderator: Shukla P
7. Concord Repatriation General Hospital, Sydney, Australia
   Moderator: Bokey EL, Keshava A
8. University of Bordeaux2, Bordeaux, France
   Moderator: Dulucq JL (ILS)

1. Live surgery (laparoscopic colo·rectal surgery) comes from Korea University Hospital
2. Network configuration will be illustrated and announced later by Prof Okamura.
   - IP sec protocol is used to protect patient privacy, using VPN router AR550s (Allied Telesis). We need to discuss how to prepare this router at Xi’an, Korea U, UP Manila, Tata MH, Concord, and University of Bordeaux2. Check again with NUS.
Yonsei Gastric Cancer Symposium 2007

Date: Oct 12th (Fri)
Time: 13:00-15:00
Connecting stations:

1. Yonsei University Medical Center
   Chairpersons: IH Kim (Kye Myung Univ.)
   BS Kim (Ulsan Univ)
   Discussants: SH Choi (Yonsei Univ)
   HK Yang (Seoul National Univ.)
   W Kim (Catholic Univ.)
   SW Han (A-jou Univ.)

2. Kyushu University Hospital, Fukuoka, Japan
   Moderator: Piya T
   Discussants: Konishi
   Anekawa
   Nagai E
   Toma H
   Chandika AHL

Scheduled surgery:
1) Open distal gastrectomy (Prof. SH Noh)
2) Robotic (Da Vinci) assisted distal gastrectomy (Prof. WJ Hyung)

Remarks:
1. Live surgery comes from Yonsei University Medical Center
2. The Yonsei venue is a big auditorium with attendants over 100 leading gastric surgeons from all over Korea.
3. Symposium is held all day in Yonsei, but Kyushu Univ joins it only for live surgery in early afternoon.
4. The live surgery session will be totally moderated by Korean side.
Yonsei Gastric Cancer Symposium 2007

The Updated Treatment of Gastric Cancer

2007. 10. 12. (Fri)  Sinchon severance 6th floor, Eun Myung auditorium

~ 9:00  Registrations

9:00 ~ 9:50  Minimally Invasive Treatment
Chairman: YC Lee(Yonsei Univ.), S Kim(SKK Univ.)
EMR for Gastric Mucosal Cancer & Advantage and Limitation of ESD (Endoscopic Submucosal Dissection) Method                      JJ Park (Korea Univ.)
Laparoscopic Sentinel Node Navigation Surgery –Feasibility Study–                 HH Kim(Seoul National Univ.)
Function Preserving Gastrectomy                                                  GS Cho(SCH Univ.)

9:50 ~ 10:10  Opening Remark & Coffee Break
J I Lee (Chairman of Korea gastric cancer association)

10:10 ~ 10:50  Special Lecture
Chairman: HK Yang (Seoul National Univ.)
Current Treatment of Gastric Cancer in China                                      Ji Jia Fu (China)

10:50 ~ 12:00  Chemotherapy for Gastric Cancer
Chairman: YJ Bang(Seoul National Univ.), HY Lim(Sung Kyung Kwan Univ.)
Novel Oral Fluoropyrimidine : Capecitabine and S–1                                  YK Kang (Ulsan Univ.)
New Trend of Adjuvant Chemotherapy                                                   KH Lee(Yung Nam Univ.)
Tailored–treatment in Gastric Cancer                                               SY Rha(Yonsei Univ.)
Management of Chemo–related Complication                                        SY Kim (Kyung Hee Univ.)
6. Event Report
1) Programs

12:00 ~ 1:00    Lunch

13:00 ~ 15:00    Live Surgery

   Chairman: IH Kim (Kye Myung Univ.), BS Kim (Ulsan Univ)
   Operator: SH Noh (Yonsei Univ.) / WJ Hyung (Yonsei Univ.)
   Discussant: SH Choi (Yonsei Univ), HK Yang (Seoul National Univ.), W Kim (Catholic Univ.), SW Han (A-jou Univ.)

   Live Surgery for Gastric Cancer: Open Method vs Robotic (Da Vinci) assisted Gastrectomy

15:00 ~ 15:20    Coffee Break

15:20 ~ 15:50    How do I It?

   Chairman: SJ Kwon (Han-yang Univ.), JH Park (Catholic Univ.)

   Practice of LN Dissection
   Detailed Skills of Lymphadenectomy in LAG for Gastric Cancer
   MC Kim (Dong-A Univ.)

15:50 ~ 16:30    Special Lecture

   Chairman: SS Sohn (Kye Myung Univ.)

   What’s New in Gastric Cancer Surgery
   Yuko Kitagawa (Japan)

16:30 ~ 17:20    Miscellaneous Issues

   Chairman: DH Kim (Pusan Univ.), SM Park (Catholic Univ.)

   Surgical Practice after Neoadjuvant Chemotherapy
   CH Ryu (Sung Kyun Kwan Univ.)

   Operation for Remnant Gastrectomy
   YK Park (Chonnam Univ.)

   The Significance of Follow-Up
   JM Bae (National Cancer Center)

17:20    Closing Remark

   SH Noh (Yonsei Univ.)
#109 Live surgery – hepatectomy 2007.10.23

Live hepatectomy 2 from Bundang to Kyushu

Date: Oct 23th (Tue)
Time: 12:00 (noon) - 16:00
Scheduled surgery: Laparoscopic partial hepatectomy
Connecting stations:
1. SNU Budang Hospital, Korea
   Operator: Han HS
2. Kyushu University Hospital, Japan
   Moderator: Shimizu S
   Discussants: Nakamura M
   Titipong (Thailand)
   Chandika AHL (Sri Lanka)
   Aibec (Kazakhstan)
   Song (Korea)
   Observers: Eto (TeamNET)
   Suzuki (Team NET)

Remarks:
1. Pier-to-pier connection between Bundang Hospital and Kyushu U Hospital
2. Need IPsec preparation
3. Venue in Kyushu U Hospital is Image Managing Room in Dept of Endoscopy.
The First Early Gastric Cancer Conference (EGCC)

Date: Oct 26th (Fri) 14:00-16:00 Thailand time  (Japan, 16:00-18:00)

Connecting stations:

Chair person Shimizu

1. Mahidol U Siriraj Hospital, Bangkok, Thailand
   Moderator: Somchai, Thawatchai
2. Kyushu U, Fukuoka, Japan
   Moderator: Yada, Yoshinaga

Opening remarks  14:00-14:10
   Dr. Shimizu

1. Lecture  14:10-14:30
   1) Basic technique for detecting early gastric cancer  14:10-14:25
      Speaker: Dr.Yada
   2) "Multiple superficial gastric epithelial neoplasms in endoscopic submucosal dissection era"
      14:25-14:30
      Speaker: Dr. Itaba

2. Case conference  14:30-15:15
   Speaker Dr. Yoshinaga
   • Case1  14:30-15:00
      Video
      Question and Answer

   • Case2  15:15-15:45
      Video
      Question and Answer

   • Discussion  15:45-15:55

Closing remarks  15:55-16:00
   Dr. Somchai
#113 Thoracoscopic surgery teleconference 2007.11.27

**The 1st teleconference on thoracic surgery**

Date: Nov 27th (Tue) 16:00-17:00 Japan time (Singapore 15:00-16:00)

Connecting stations:
1. Kyushu University, Japan  
   Moderator: Shimizu S, Aibek R  
2. National University of Singapore  
   Moderator: Lomanto D, Tan J  
3. Fukuoka University, Japan  
   Moderator: Iwaseki A, Shirakusa

1. The first teleconference in the field of thoracic surgery. Scheduled duration is just one hour.
2. Main purposes of this teleconference are as follows.
   1) Brief introduction of each institution, staffs, and surgical results of thoracic surgery.  
   Please show any videos or presentations depending on availability.
   2) First network connection to Fukuoka Univ, which is a new member of this project.
   3) Network check-up at NUS, which seemed to have some problem at previous APAN-Xian.
3. Network configuration will be illustrated and announced later by Prof Okamura.
   - We use one line of DVTS, whose bandwidth is about 30Mbps.
   - We will NOT use IPsec.
   - Images from 3 stations are controlled by Quatre, located at Kyushu U CC.
   - NTSC camera or PAL/NTSC converter will be necessary at NUS.
   - Prepare flat monitors at each station for better quality, if available.

3. Schedule
   - Network test may be performed beforehand. Test schedule will be announced by Torata in Kyushu Univ.
### Dec 7 (Fri) Main venue: Centennial Hall (Middle Hall 2)

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:30–10:00</td>
<td>Registration</td>
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<tr>
<td>10:00–10:30</td>
<td>Opening ceremony &lt;br&gt; Opening remarks: Prof. Tanaka M (Kyushu University Hospital, Dept of Endoscopy) &lt;br&gt; Host &amp; Guest speech: Yangihara M (Kyushu University, Deputy-President) &lt;br&gt; Suta S (Kyushu University Hospital, Director) &lt;br&gt; Iwase K (Ministry of Education, Culture, Sports, Science and Technology)</td>
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<tr>
<td>10:40–11:20</td>
<td>Keynote speech (1) &lt;br&gt; 「Asia Telemedicine Activity in Kyushu University」 &lt;br&gt; Shimizu S (Kyushu University Hospital)</td>
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<tr>
<td>11:20–12:00</td>
<td>Keynote speech (2) &lt;br&gt; 「What is Asia-Pacific Advanced Network (APAN)?」 &lt;br&gt; Kitamura Y (National Institute of Information and Communications Technology)</td>
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<tr>
<td>12:00–13:30</td>
<td>Lunch</td>
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<td>13:30–15:30</td>
<td>International Tele-symposium &lt;br&gt; 「System for telemedicine in major universities in Asia: Toward the establishment of Asia Telemedicine Center in Kyushu University」 &lt;br&gt; Chairperson: Nakashima N, Han HS</td>
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<td>13:40–14:00</td>
<td>「Seoul National University Bundang Hospital」 JungHun Lee (Remote)</td>
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<td>14:00–14:20</td>
<td>「National University of Singapore」 Sew Hoo Lim (Remote)</td>
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<td>14:20–14:40</td>
<td>「Flinders University in Australia」 Colin Carati (Remote)</td>
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<td>14:40–15:00</td>
<td>「Chinese University of Hong Kong」 Patrick Lam (Local)</td>
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<tr>
<td>15:00–15:20</td>
<td>「Current situation of Japan and Kyushu University」 Naoki Nakashima (Local)</td>
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<tr>
<td>15:30–16:00</td>
<td>Coffee break</td>
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<tr>
<td>16:00–18:00</td>
<td>Medical workshop &lt;br&gt; 「Expansion of Asia Telemedicine Activity: Promising medical contents」</td>
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<tr>
<td>16:00–16:20</td>
<td>「Endoscopic surgery」 Tokyo Medical Dental University Kojima K</td>
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<tr>
<td>16:20–16:45</td>
<td>「Gastrointestinal endoscopy」 Kyoto 2nd Red Cross Hospital Tanaka K</td>
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<td>16:50–17:10</td>
<td>「Robot」 Kyushu University Advanced Medical Initiatives Hashizume M</td>
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<td>17:10–17:35</td>
<td>「Transplantation」 Kyushu University Kidney Care Unit Sugitani A</td>
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<tr>
<td>17:40–18:00</td>
<td>「International nursing」 Kyushu International College of Nursing Kita E</td>
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<tr>
<td>18:00–18:10</td>
<td>Guest speech</td>
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<tr>
<td>18:30–20:30</td>
<td>Reception (Middle Hall 1)</td>
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### Venue 2: Conference Room 2

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>13:30–15:30</td>
<td>OGPOP Meeting &lt;br&gt; Chairperson: Okamura K &lt;br&gt; + Discussion about new JGN2plus network &lt;br&gt; + Preparation for the next APAN Meeting &lt;br&gt; + Preparation for the next Core Seminar</td>
</tr>
<tr>
<td>16:00–18:00</td>
<td>HIJK (High-speed Internet between Korea and Japan) &lt;br&gt; Chairperson: Okamura K, Hong CS &lt;br&gt; + Report of the events between Japan and Korea &lt;br&gt; - Remote lecture among Kyushu Univ, KHU and CHNU &lt;br&gt; + Plan about future collaborations &lt;br&gt; - Remote access using Wireless Network &lt;br&gt; - CDN and VM</td>
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Health Science Community
la medicina nelle arterie della rete GARR

The Conference aim is to put in touch the medical science community with the wide multidisciplinary scientific community connected to the GARR network, breeding new collaboration initiatives and new applications in the medical, biological and biomedical area, thanks to the most innovative network technology.

The Conference will also showcase how a network infrastructure can promote cooperation, both inside its own community and within other scientific communities relying on the other international research networks.

The primary goal of the GARR Network is in fact to support the Italian scientific and education research activities in order to promote cooperation among its connected members and to develop innovation and knowledge.

secretariat:
tel. +39 06.4952.2000
fax. +39 06.4952.2064
info@garr.it
www.garr.it/irccs

IRCCS Conference
Rome, December 12th 2007

Aula Magna
Via Ostienese 159 - Roma

#116 IRCCS Conference "Health Science Community: la medicina nelle arterie della rete GARR" 2007.12.12

6. Event Report
   l Programs
Programme
Wednesday, December 12th 2007

09:00 - 09:30
Welcome coffee and registration

09:30 - 10:00
Conference Opening
Chair: Enzo Valente (GARR)

GARR Welcome
Enzo Valente (GARR)

Telemedicine projects promoted by Ministry of Health - Information Systems General Direction
Walter Bergamaschi (Ministry of Health)

Projects promoted by Ministry of Health - Research and Innovation Department
Giovanni Zotta (Ministry of Health)

10:00 - 11:30
GARR Network: community, plans and opportunities
Chair: Laura Leone (GARR)

Who and what is GARR and GARR-X network
Enzo Valente (GARR)

Grid Infrastructure: technology and opportunities for medicine
Mario Realé (GARR)

Identity management to manage data security
Raffaele Comte (Institute of Clinical Physiology, CNR, Pisa)

11:30 - 13:00
International experiences in Telemedicine
Chair: Claudio Alloccio (GARR)

Grid computing for medical image processing
Johan Montagnat (Centre National de la Recherche Scientifique - France)

Network Infrastructure for the English National Health Service
Malcolm Teague (JANET - United Kingdom)

Building secure networks for health research and health care in Denmark and elsewhere
Martin Bech (UNI-C - Denmark)

Advanced telemedicine project in Asia-Pacific and possible collaboration with Europe - Importance of cooperation between doctors and engineers
Shuji Shimizu (University of Kyoto - Japan)

13:00 - 14:00
Lunch break

14:00 - 15:30
National experiences in Telemedicine
Chair: Lidia Di Minico (Ministry of Health)

Teleradiology: state of art and future plans
Alfredo Stanis (Italian Society of Medical Radiology)

Computational neuroanatomy: crossroad among neuroscience, statistics and ICT
Giovanni B. Frisoni (IKBCS San Giovanni di Dio-Fatebenefratelli, Brescia)

Rete Tumori Rari
Elena Sini (National Cancer Institute, Milan)

Bibliosan System: the Italian biomedical organizations network libraries
Maurizio Curtil (San Matteo foundation, Pavia)

15:30 - 16:00
Coffee break

16:00 - 17:15
Medical collaborations within GARR members
Chair: Claudia Battista (GARR)

Medical distributed imaging analysis: MAGIC-V project
Piergiorgio Cottone (INFN, Turin)

LNS and Centre for AdroTherapy and Advanced Nuclear Applications
Giacomo Cattaneo (INFN, Catania)

ISN CNR telemedicine applications
Ivan Duca (Institute of Neurological Sciences, CNR, Cosenza)

eRMETE and INTEVA: the use of Italian telemedicine systems and their integration in the National Health Service
Remo Bevini (Institute of Clinical Physiology, CNR, Pisa)

17:15 - 17:30
Conference wrap up
Chair: Enzo Valente (GARR)
Live surgery/endoscopy demonstration at APAN-Hawaii

Date: Jan 23th (Wed) Hawaii 14:00-17:30, California 16:00-19:30
    Jan 24th (Thr) Japan, Korea 9:00-12:30, China 8:00-11:30

Scheduled procedures:
1. Robotic distal gastrectomy (Yonsei University, Korea)
2. Diagnostic gastroscopy (Kyusu University, Japan)

Connecting stations:
1. University of Hawaii, USA
   Chairperson: Shimizu S, Han HS
2. Yonsei University Medical Center, Seoul, Korea
   Operator: Hyung WJ
3. Kyushu University, Fukuoka, Japan
   Operators: Yoshinaga, Itaba
   Moderators: Yada S, Nagai E
4. Shanghai Jiaotong University, Shanghai, China
   Moderators: Qiu, Huang, Wan
5. North Shore Private Hospital, Sydney, Australia
   Moderator: Smith G
6. University of California Irvine, Irvine, USA
   Moderators: Chang K, Clayman R

Program:

13:00- (UCI 15:00-   , CN 7:00-   , KR/JP 8:00-   )
   Surgery starts after robot set-up at Yonsei U in Korea
14:00-14:05 (UCI 16:00-   , CN 8:00-   , KR/JP 9:00-   )
   Official opening remarks: Shimizu S
14:05-14:10 (UCI 16:05-   , CN 8:05-   , KR/JP 9:05-   )
   Greeting from Yonsei U
   Greetings and staff introduction from all stations
14:30-14:40 (UCI 16:30-   , CN 8:30-   , KR/JP 9:30-   )
   Case presentation: Yonsei U
   Operation and discussion
6. Event Report

1) Programs

15:30-16:00 (UCI 17:30- , CN 9:30- , KR/JP 10:30- )
   Coffee break; Operation can be seen continuously.

16:00-16:15 (UCI 18:00- , CN 10:00- , KR/JP 11:00- )
   Network explanation by Prof Okamura and Mr A Howard

   Endoscopic demonstration from Kyushu U

16:45-17:15 (UCI 18:45- , CN 10:45- , KR/JP 11:45- )
   Discussion about endoscopy (and about operation in between)

   Good-bye messages from all stations

   Closing remarks: Han HS

17:30 (UCI 19:30, CN 11:30, KR/JP 12:30)
   Adjourn
#118,119 25th APAN meeting Hawaii - Healthcare teleconference 1 2008.1.24

Date: Jan 24th (Thr) Hawaii 14:00-15:30, California 16:00-17:30, Korea and Japan 9:00-10:30

Program Organizer: Nakashima N (Kyushu U/JP) and Lee YS (Chungbuk NU/KR)

Connecting stations:
1. University of Hawaii, USA
   Chairperson: YoungSung Lee/Sakurai S
2. Stanford University, California, USA
   Moderator1: Cammy Huang/ Piya Sorcar
3. Chungbuk National University, Cheongju, Korea
   Moderator: KyeongSoo Lee
4. Kyushu University, Fukuoka, Japan
   Moderator: Nakashima N

Opening remarks: YoungSung Lee

Presentations
1. Hawaii venue
   1) Shinobu Sakurai: The new health checkup system in Japan for Metabolic Syndrome (10min)
   2) YoungSung Lee: Tele-medical activities in S. Korea (10min)

2. Stanford University
   1) Cammy Huang: XXXXX (10 min)
   2) Piya Sorcar: Interactive Teaching AIDS: Culturally Appropriate and Effective HIV/AIDS Education (10min)

3. Chungbuk National University
   1) Kyeongsoo Lee: Strategy for Hypertension and DM in S.Korea (10min)
   1) JongKoo Lee: AI Experience In Republic of Korea: Status and Response (10min)

4. Kyushu University,
   1) Naoki Nakashima: A Japanese model of disease management for diabetes
      mellitus from primary to tertiary prevention(10min)

5. Discussion among 4 stations (20min)

Closing Remarks: Shinobu Sakurai
#121 Master Workshop on Novel Endoscopic Technology and ESD 2008.3.19

## 6. Event Report

1) Programs

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30 - 08:45</td>
<td>Opening Remarks</td>
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<tr>
<td>08:45 - 09:05</td>
<td>Lectures (Gastric Cancer) Chairman: Simon KH Wong, Naohisa Yahagi</td>
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<tr>
<td>08:45 - 09:05</td>
<td>Gastric Cancer Screening and Global Perspective</td>
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<td>Joseph JY Sung</td>
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<td>09:05 - 09:25</td>
<td>Paris Classification and Indication of Endotherapy</td>
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<td>Enders KW Ng</td>
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<tr>
<td>09:25 - 09:50</td>
<td>Endoscopic Screening, Diagnosis and Staging of Superficial Gastric Cancer</td>
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<td>Takaji Goloda</td>
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<tr>
<td>09:50 - 10:15</td>
<td>From EMR to ESD (IT knife and IT2)</td>
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<td>Takaji Goloda</td>
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<tr>
<td>10:15 - 10:40</td>
<td>ESD for Gastric Cancer (flex knife)</td>
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<td>Naohisa Yahagi</td>
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<td>10:40 - 11:00</td>
<td>Tea Break</td>
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<tr>
<td>11:00 - 12:45</td>
<td>CCTV Live Demonstration of Gastric ESD</td>
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<td></td>
<td>Chairman: Enders KW Ng, Joseph JY Sung</td>
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<td>Boardband Live Transmission from Kyushu University</td>
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<td></td>
<td>Chairman: K Nakamura</td>
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<td>Operator: S Yoshimatsu</td>
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<td>Introduction of setting for ESD of gastric neoplasm</td>
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<td>ESD technique using IT knife, flex knife and TT knife in the stomach</td>
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<td>Intervening Session</td>
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<td>ESD for Gastric Neoplasm with a combination of knives</td>
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<td>Philip WY Chiu</td>
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<td>12:45 - 13:30</td>
<td>Lunch</td>
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<tr>
<td>13:30 - 16:30</td>
<td>Hands-on Practical Session for ESD in Live Tissue (MISSC)</td>
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