

「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」AQUA (Asia-Kyushu Advanced Medical Network)活動報告

清水, 周次
九州大学病院

中島, 直樹
九州大学病院

<https://doi.org/10.15017/8299>

出版情報 : 「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活動報告. 1, pp.1-116, 2005-04. AQUA事務局

バージョン :

権利関係 :

6. イベント概要

1) プログラム

#1 IT ウィーク 2003.2.12

IT Week
2003.2.10
.....2.17

タイムマシンに乗って
未来の日韓交流を体験しませんか

世界最先端 IPv6
Multicast
最先端の電力
インターネット文化交流
デジタルコンテンツの国際展開
遠隔医療教育
ウェブセミナー
デジタルコンテンツ

<http://www.itweek.info>

■ date	2003.2.10-2.17
■ place	[JAPAN] 九州大学・九州産業大学・九州工業大学・財団法人九州システム情報技術研究所 他 / [KOREA] 漢陽大学 他
■ contents	日韓高速ネットワーク(1Gbps予定)と最新技術による日韓交流(国際遠隔講義、中学校および高校間の国際交流、社会人向け遠隔セミナー、専門学校遠隔講義、国際企業連携、テレビコンテンツの交換、遠隔医療教育など) / VoD技術を使った日韓交流に関わるコンテンツ配送(自宅でも参加可能) / 次世代インターネット IPv6 / マルチキャスト技術
■ information	http://www.itweek.info
■ supports cooperation (協賛)	[JAPAN] 〇福岡県 (Fukuoka Prefectural Government) 〇九州大学 (Kyushu University) 〇九州産業大学 (Kyushu Sangyo University) 〇九州工業大学 (Kyushu Institute of Technology) 〇財団法人九州システム情報技術研究所 (Institute of Systems & Information Technologies/ISIS) 〇九州千草クラブプロジェクト (KCCPP) 〇玄海プロジェクト協議会 (Genkai Project Association) 〇玄海/ヒュンネ プロジェクト (Genkai/Hyunhwa Project) 〇福岡市立東洋中学校 (Genkai Jaoir High School) 〇九州電力株式会社 (KYUSHU ELECTRIC POWER CO., INC) 〇九州通信ネットワーク株式会社 (KYUSHU TELECOMMUNICATION NETWORK CO., INC) 〇株式会社キューデンインフォコム (Kyuden Infocom Company, Inc.) 〇日本デザイナー学院 九州校 (Nippon Designer Institute, Kyushu Branch) 〇株式会社インターネットイニシアティブ (Internet Initiative Japan Inc.) 〇株式会社アイビジネスセンター (I-BUSINESS CENTER ODP)
■ supports cooperation (協賛)	[KOREA] 〇漢陽大学 (Hanyang University) 〇韓国科学技術研究院 (Korea Advanced Institute of Science & Technology) 〇釜山大学 (Busan National University) 〇田川大学 (Changwon National University) 〇慶山大学 (Keang National University) 〇ソウル大学 (Seoul University) 〇南江大学 (Nangju National University) 〇浦項工科大学 (Pohang University of Science and Technology) 〇慶北大学 (Kyungbuk National University) 〇高麗大学 (Korea University) 〇新昌中学校 (Sungshin Middle School) 〇ソウル市青少年職業体験センター (Seoul Youth Factory for Alternative Culture) 〇アジランTV, Ashang TV 〇イテグラム (tegram) 〇エントーネット (ATTNET) 〇韓国テレコム株式会社 (KT Corporation)

#3 ライブ手術中継（胃） 2003.8.22

Live Demonstration of Endoscopic Gastric Surgery

Date : August 22, 2003 (Friday)

Time : 9:00-13:00

Place : National Cancer Center, Korea

Kyushu University Hospital, Japan

Moderator :

Dr Shuji Shimizu (Japan), Dr Young-Woo Kim (Korea)

9:00 - Opening remarks

(Prof Masao Tanaka, Kyushu University Hospital)

9:05 - Staff introduction (each station)

9:15 - Operation starts

Case presentation

(Dr Shuji Shimizu, Kyushu University Hospital)

9:30 - Introduction of operation room and surgical instruments

(Dr Masahiko Kawamoto, Kyushu University Hospital)

10:00 - Endoscopic procedures begin

Discussion along with explanation of surgery

13:00 - Closing (Dr Young-Woo Kim, National Cancer Center, Korea)

e-Health Workshop

**Cross Strait Endoscopic Surgery
Teleconsult Demonstration**

October 21, 2003 16:10 – 17:00 Camellia 1

We will make a live demonstration of medical teleconference between the meeting venue and Kyushu University Hospital in Japan using Digital Video Transport System (DVTS) over Internet protocol. The network uses the submarine optic cable of Korea-Japan Cable Network. The doctors on both sides will discuss on techniques or clinical results of endoscopic surgery with operation video, and then nurses introduce its instruments with translation chat system. Audience can enjoy high-quality moving images good enough for medical use as well as minimal time delay for conversation.

Modulators

Shimizu S (Japan), Kim YW, Nakashima N (Korea)

Technical Staff

Okamura K, Tanaka M, Noshiro H, Kang CH, Youm Sk, Lee YS, Lee YS
KT, QIC, iBient NCS, Kyushu electronic power

Nurses in charge at present:

Fukumoto M, Kakinoki S, Takagi S.

Presentation

Naoki Nakashima	Kyushu University
Young-Woo Kim	National Cancer Center, Korea
Sung-Kook Kim	Kyungpook National University

#8 アジア太平洋先端ネットワーク (APAN) @ハワイ 2004.1.29

Genome & Telemedicine Meeting

Date : January 29, 2004 (Thursday)

Program:

1. Overview of telemedicine and genome projects in Asia-Pacific.
by Hiroshi Mizushima
(National Cancer Center, Tokyo JAPAN)

2. Telemedicine using DVTS between Korea-Japan.
by Young-Woo Kim
(National Cancer Center, Seoul KOREA)

3. Activity of Japan Medical Information Network Association as NPO.
by Toru Okubo
(JAMINA, JAPAN)

4. How to Keep Real Color Appearance in Telemedicine.
by Masahiro Nishibori
(Tokyo Medical and Dental University Hospital, JAPAN)

5. Demonstration of telemedicine over high speed Hawaii-Japan-Korea Network.
by Naoki Nakashima, Shuji Shimizu and Koji Okamura
(Kyushu Univ, JAPAN),
HS Choi and YJ Park (Hanyang Univ., KOREA),
YW Kim (National Cancer Center, KOREA),
Hiroshi Mizushima (National Cancer Center, JAPAN)

#10 ライブ手術中継（脳外科） 2004.5.25

Live Demonstration of Neurosurgery

Date : May 25, 2004 (Tuesday)

Time : 13:00-15:30

Place : Hanyang University Hospital, Korea

Kyushu University Hospital, Japan

Moderator :

Dr Shuji Shimizu (Japan), Dr Yang Ko (Korea)

13:00 - Opening remarks

(Dr Shuji Shimizu, Kyushu University Hospital)

13:05 - Staff introduction (each station)

13:15 - Operation is under way, beginning at 9:30.

Introduction of operation room (OR) system

Explanation of surgical planning

(Dr Yoshihiro Natori, Kyushu University Hospital)

13:30 - Case presentation

(Dr Arimura, Kyushu University Hospital)

13:45 - Presentation of the first part of the operation using edited video

(Dr Higashino, Kyushu University Hospital)

13:45 - Introduction of OR and surgical instruments

14:00 - Discussion along with explanation of live surgery

15:30 - Closing (Dr Yang Ko, Hanyang University Hospital)

#11 移植カンファレンス 2004.5.31

Teleconference on Renal Transplantation between Korea and Japan

Date : May 31, 2004 (Monday)

Time : 16:00-17:50

Place : Hanyang University Hospital, Korea

Kyushu University Hospital, Japan

Moderator :

Dr Shuji Shimizu (Japan), Dr Oh Jung Kwon (Korea)

16:00 - Opening remarks

(Prof Masao Tanaka, Kyushu University Hospital)

16:05 - Staff introduction (each station)

16:15 - Short presentation about network system

(Dr Shuji Shimizu, Kyushu University Hospital)

16:30 - Presentation on renal transplantation in Japan

(Dr Atsushi Sugitani, Kyushu University Hospital)

17:00 - Presentation on renal transplantation in Korea

(Dr Oh Jung Kwon, Hanyang University Hospital)

17:30 - Discussion

17:50 - Closing (Dr Oh Jung Kwon, Hanyang University Hospital)

#12 アジア太平洋先端ネットワーク (APAN) @ケアンズ 2004.7.2

Medical Teleconference Session

Date : July 2, 2004 (Friday)

Time : 14:00-17:30

Place : Room B in Hilton Cairns Hotel

Chair : Cairns : Naoki Nakashima (Kyushu Univ. Hospital)
Endocrinologist/Medical Informatics

Moderator :

Seoul : Young-Woo Kim (National Cancer Center Seoul)
Endoscopic Surgeon

Fukuoka : Shuji Shimizu (Kyushu Univ. Hospital)
Endoscopic Surgeon

Tokyo : Hiroshi Mizushima (National Cancer Center Tokyo)
Genomic Epidemiologist/Medical Informatics/APAN member

Presenter/Commentator :

Cairns : Ashim K Sinha (Cairns Base Hospital)
Physician/Endocrinologist

Seoul : Sang Jae Park (National Cancer Center Seoul)
Transplantation Surgeon

Fukuoka : Atushi Sugitani (Kyushu Univ. Hospital)
Transplantation Surgeon

a doctor from endocrinology group (Kyushu Univ. Hospital)
Endocrinologist

Tokyo : Hiroshi Mizushima (National Cancer Center Tokyo)

15:00 - Opening Address, Greeting from each station

15:05 - Lecture from Tokyo (Dr Mizushima)
The history and expectation of APAN and Medical Network

(Transplantation teleconference---pancreatic transplantation-----)

15:20 - Presentation from Japan (Dr Sugitani)

Current status of pancreas/kidney transplantation in Japan

- 15:35 - Presentation from Korea (Dr Park)
Experience of Pancreatic & Liver Transplantation in Korea
- 15:50 - Comments from Cairns and Fukuoka (Endocrinologists)
- 16:00 - Discussion (by Staffs in all stations)
- 16:25 - Closing Address

#15 ロボットセミナー 2004.7.15

Current Status of Robotic Surgery
-Symposium celebrating KOREN Opening-

Date : July 15, 2004 (Thursday)

Time : 17:00-20:45

17:00 - Registration

17:15 - Opening remarks (KJ Choi, Ewha Womans University)

17:20 - Celebration remarks (Yeng-Hyo Park, President of Ewha Womans Hospital)

17:25 - Introduction of KOREN (Byung-In Moon, Ewha Womans University)

Session I

Co-chairman: Shuji Shimizu, Kyushu University

Byung-In Moon, Ewha Womans University

17:30 - Opening address and introduction of telemedicine
(Shuji Shimizu, Kyushu University)

17:40 - Special Cyber Lecture
"Experiences of Robotic Surgery in Japan"
(Makoto Hashizume, Kyushu University)

18:00 - Live demonstration of robotic system (Y Kakeji, Kyushu University)

18:20 - Discussion

18:35 - Closing remarks (Byung-In Moon, Ewha Womans University)

18:40 - Coffee Break

Session II

Chairman: Woo-Jung Lee, Yensei university

19:00 - Clinical Application of Robotic Surgery in Stomach
(Hyen-Ho Kim, Seoul National University)

19:15 - Clinical Application of Robotic Surgery in Gynecology
(Seung-Cheol Kim, Ewha Womans University)

19:30 - Clinical Application of Robotic Surgery in Chest
(Tae-Hee Won, Ewha Womans University)

Session III

Chairman: Kwang-Ho Kim, Ewha Womans University

19:45 - Clinical Application of Robotic Surgery in Hepatobiliary
(Seok-Kee Min, Ewha Womans University)

20:00 - Clinical Application of Robotic Surgery in Urology
(Dong-Hyun Lee, Ewha Womans University)

20:15 - Robotic Surgery in the Era of Laparoscopy
(Kyeong-Tak Seong, Donga University)

20:35 - Discussion

20:45 - Closing remarks (Keum-Ja Choi, Ewha Womans Univerisity)

The 4th Live Demonstration of The Korean Laparoscopic Colorectal Surgery Study Group (KLCSSG) & Korea-Japan Telesurgical Conference using DVTS



Date : July 30, 2004 (Friday)
Place : National Cancer Center, Korea
Kyushu University, Japan



- 12:00 - 12:10 Opening announcement & Welcome message
Dr. Jun Gi Kim, President of KLCSSG
- Teleconference
- 12:10 - 12:20 Introduction of International Telesurgical Conference
using Advanced Network and Digital Video Transport System
(DVTS)
Speaker : Dr. Young-Woo Kim (NCC, Korea)
- 12:20 - 13:30 Video Display of Dr. Ueki's Surgery with Lunch
Moderator : Japan - Dr. Ueki
Korea - Dr. Jun Gi Kim
Dr. Seon Han Kim
- 13:30 - 13:45 Coffee Break
- Live Demonstration
- Moderator : Korea - Dr. Jun Gi Kim
Dr. Seon Han Kim
Japan - Dr. Shuji Shimizu
- 13:45 - 14:00 Briefing of Patient & Procedure
Speaker : Dr. Duck Woo Kim
- 14:00 - 17:00 Live Demonstration at National Cancer Center, Korea
Operator : Dr. Seung-Yong Jeong
- 17:00 - 17:30 Topic Presentation
Title : The Position of Trocar, Personnel & Incision for Specific Diseases
Speaker : Dr. Seung Kyu Jeong
- 17:30 - 18:30 Regular Meeting
of The Korean Laparoscopic Colorectal Surgery Study Group
- 18:30 Adjourn



국립암센터
NATIONAL CANCER CENTER



정보통신정책연구원
MTC

주관 :

- 대한대장항문학회 복강경연구회 <http://www.lapacolrec.org>
- 국립암센터 대장암센터 <http://www.ncc.re.kr>

후원 :

- 정보통신정책연구원 <http://www.kisdi.re.kr>

#17 EBウイルス関連疾患の症例検討 2004.8.27

Korea-Japan Case Teleconference of EBV Associated Disorders

Date : August 27, 2004 (Friday)

Time : 17:30-18:30

17:30 - Opening remarks (Dr Koichiro Muta, Kyushu University Hospital)

17:35 - Staff introduction (each station)

17:40 - System explanation (Dr Shuji Shimizu, Kyushu University Hospital)

17:45 - Presentation from Korea

Presentator: Dr MC Kook

(Department of Pathology, Seoul National University Hospital)

"EBV associated gastric cancer"

18:05 - Presentation from Japan

Presentator: Dr Rie Otsuka

(Department of Bioregulatory Science, Kyushu University Hospital)

"Chronic active EBV infection"

Commentator: Dr Shigeo Nakamura

(Department of Pathology, Aichi Cancer Center)

18:25 - Discussion

18:30 - Closing

#18 EBウイルス関連悪性腫瘍の遠隔病理カンファレンス 2004.8.28

Korea-Japan Telepathology of EBV Related Malignancies

Date : August 28, 2004 (Saturday)

Time : 11:00-12:00

11:00 - Opening remarks (Dr Koichiro Muta, Kyushu University Hospital)

11:05 - Staff introduction (each station)

11:10 - System explanation (Dr Young-Woo Kim, National Cancer Center)

11:15 - Presentation from Japan

Presentator: Dr Shigeo Nakamura

(Department of Pathology, Aichi Cancer Center)

11:35 - Presentation from Korea

Presentator: Dr CW Kim and Dr WH Kim

(Department of Pathology, Seoul National Cancer Center)

11:55 - Discussion

12:00 - Closing

#19 内視鏡テレカンファレンス 2004.9.15

The 3rd Korea-Japan Teleconference on Endoscopy

Date : September 15, 2004 (Wednesday)

Time : 17:00-18:00

Place : Hanyang University Hospital, Korea

Kyushu University Hospital, Japan

Chariman :

Dr Joon-Soo Hahm, Shuji Shimizu

17:00 - Opening remarks (Dr Dong-Soo Han, Hanyang University Hospital)

17:05 - Staff introduction (each station)

17:10 - Presentation from Japan

Speaker: Dr Shinichiro Yada

(Department of Medicine and Clinical Science, Kyushu University Hospital)

"Recent advance in small bowel endoscopy"

17:30 - Presentation from Korea

Speaker: Dr Jun-Dae Won

(Department of Internal Medicine, Hanyang University Hospital)

"Endoscopic cystoenterostomy in pancreatic pseudocyst"

17:50 - Discussion and comments

18:00 - Closing (Dr Shuji Shimizu, Kyushu University Hospital)

#20 日本癌学会 2004.9.30

The 63rd Annual Meeting of the Japanese Cancer Association
— Program of the Asia-Pacific Session —

Connecting with Korean station (National Cancer Center, Korea)
by super-broad banded Internet line using submarine optical cable (KJCN)

B room: 9:00~11:30, 30th September

S17 Beyond Diversity: EBV Related Malignancies in Asia-Pacific Region

Chairman: Koichiro Muta (Kyushu Univ. Japan)
Apiwat Mutirangura (Chulalongkorn Univ. Thailand)

1. EBV-Related Malignancies in Asia-Pacific Region


Ih-Jen Su (Division of Clinical Research, National Health Research Institutes and Department of Pathology, National Cheng-Kung University Medical College, Taiwan)

2. Molecular Genetics of Epstein-Barr virus associated Nasopharyngeal Carcinoma: Chulalongkorn University Experience

Apiwat Mutirangura (Department of Anatomy, Faculty of Medicine, Chulalongkorn University, Thailand)

3. Molecular pathogenesis of nasal NK/T-cell lymphoma

Gopeth Srivastava, L Shen, WY Au, YL Kwong, RHS Liang (Department of Pathology and Medicine, The University of Hong Kong, China)

 *Internet Presentation with Microscope Image from National Cancer Center, Korea*

4. Epstein-Barr virus-associated gastric carcinoma: A distinct entity.

Woo Ho Kim (Department of Pathology, Seoul National University College of Medicine, Korea), & Myeong-Cherl Kook (Center for Gastric Cancer, National Cancer Center, Korea)

5. Extranodal NK/T-cell lymphoma, nasal type and related lymphoproliferative disorders

Dae Seog Heo (Seoul National University Hospital, Korea)

6. Burkitt Lymphoma in Papua New Guinea-40 years on
Evelyn K Lavu, RR Maraka, M Kiromat, J Morewaya (School of Medicine and Health Sciences, Papua New Guinea)

In Asia-Pacific region, as we enjoy diversity in language, life-style and culture, we also find variety of EBV-related malignancies, such as lymphoma, nasopharyngeal cancer and gastric cancer. Beyond this diversity, a single virus genome lies behind. Five distinctive speakers, who are seriously committed to investigate these disorders, are invited across the Ocean to Fukuoka city, to join the Asia-Pacific session. From Korea, we also will have an Internet presentation, to find out new way of scientific communication between Asian countries. Therefore, let's sit together, and share our knowledge and experience in EBV and its related malignancies. This is the question, which could be answered only in Asia Pacific Region.

We have a new trial of Internet presentation by Prof. Kim, Woo Ho (Seoul National University) with high quality microscope image from National Cancer Center (NCC) in Goyang, Korea in the session. We deeply appreciate Dr Kim, Young-Woo in the Center for Gastric Cancer in NCC for considerate arrangement of the Korean station, and Dr Hong, Eun Kyoung, Dr Kook, Myeong-Cherl and other doctors in the Department of Pathology in NCC for kind supports the presentation, and the engineering staff especially Prof. Kang Chul-Hee, Mr. Youm, Sung-Kwan, Mr. You, Bong Soo, & Mr. Sung, Doo-Hyun in Korea University NIR (Next Generation Research Center) for persistent supports of the transmission. We also appreciate Prof Okamura, Koji and other members of QGPOP, and engineering Staffs from QIC for faithful network supports in Japanese side.

Koichiro Muta, MD, PhD
Department of Medicine and Bioregulatory Science, Graduate
School of Medical Sciences, Kyushu University
(Organizer of the Asia-Pacific Session,
The 63rd Annual Meeting of the Japanese Cancer Association)

#21 アジア太平洋遠隔教育カンファレンス (APRU) 2004.10.12

APRU 5th Distance Learning and the Internet Conference
The First Teleconference between China & Kyushu University

Date : October 12, 2004 (Tuesday)

Time : 12:30-13:30 (Japan time)

Place : Tsinghua University, Beijing, CHINA

Kyushu University Hospital, Fukuoka, JAPAN

Moderator :

Dr Maosheng Dong, Dr Naoki Nakashima (China side)

Dr Shuji Shimizu (Japan side)

12:30 - Opening remarks (Dr Masao Tanaka, Kyushu University Hospital)

12:35 - Staff introduction (each station)

12:40 - Network explanation (Dr Naoki Nakashima in China)

12:45 - Presentation from Japan-1

“Recent advancement of small bowel endoscopy”

Speaker: Dr Shinichiro Yada (矢田親一朗)

(Department of Endoscopic Diagnostics and Therapeutics, Kyushu University)

12:55 - Presentation from China-1

"Current situation of endoscopic diagnosis and therapeutics"

Speaker: 消化器内科 楊雲生教授

(General Hospital of People's Liberation Army)

13:05 - Presentation from Japan-2

“Current situation of endoscopic surgery in Kyushu University”

Speaker: Dr Shuji Shimizu (清水周次)

(Department of Endoscopic Diagnostics and Therapeutics, Kyushu University)

13:15 - Presentation from China-2

"Current situation of gastric surgery in China"

Speaker: 消化器外科 李荣教授

(General Hospital of People's Liberation Army)

13:25 - Closing 程留芳教授 (General Hospital of People's Liberation Army)

#22 腹腔鏡下胃切除術セミナー 2004.10.22

**Joint Korea-Japan Tele-Conference & Round Table Seminar on Techniques
of Laparoscopic Gastrectomy**

Date : October 22, 2004 (Friday)

Time : 9:00-17:00

Venue : National Cancer Center, Auditorium

Host : Center for Gastric Cancer, National Cancer Center

Support : NCC, KISDI, MIC, Korea University NIR, Kyushu University

Program

1st Part : International Tele-Conference on Live Laparoscopic Gastrectomy

9:00 - Registration

9:30 - Greeting Jae-Moon Bae
(Deputy Director of Hospital, NCC & Head, Center for Gastric Cancer)

9:35 - Introduction of Advanced Network & Teleconference System
Young-Woo Kim (NCC)

9:50 - Introduction of Staff on Each Site
(Shuji Shimizu, Young-Woo Kim)

10:00 - Live Surgery Moderator: Young-Woo Kim (NCC)
Operator: Hirokazu Noshiro (Kyushu University)
Discussant: Japan venue - Shuji Shimizu & Eishi Nagai (Kyushu University)
Korea venue - Seiichiro Kanaya (Himeji Medical Center),
Hyung-Ho Kim (SNUMC), Woo Jin Hyung (YUMC)

(12:00 -) Lunch & Break

2nd Part :Seminar on Techniques of Laparoscopic Gastrectomy

- 13:30 - Special Lecture I Chair: Han-Kwang Yang (SNU)
"Intracorporeal Anastomoses in Laparoscopic Distal Gastrectomy"
Seiichiro Kanaya (Himeji Medical Center, Japan)
- 14:00 - Seminar Chair: Kyung-Kyu Park (SCHU)
"My Technical Tips for Node Dissection"
- 14:00 - Gyu-Seok Cho (SCHU) Omentectomy & Greater Curvature
- 14:10 - Hyuk-Joon Lee (SNU) Lesser curvature (No.1)
- 14:20 - Hyung-Ho Kim (SNU) LN dissection, Infrapyloric area (No.6 & No.14)
- 14:30 - Min-Chan Kim (Dong-A Univ.) LN dissection, suprapyloric area
(No.5, No. 8, & No.12)
- 14:40 - Boowhan Hong (Eulji Univ.) LN dissection, celiac axis & splenic artery
(No.7, No 9 & No. 11)
- 14:50 - Sang-Uk Han (Aju Univ.) Lymph node dissection around 4sb
- 15:00 - Intermission
- 15:10 - Panel Discussion Chair: Seung Ho Choi (YUMC)
"Management of Intraoperative Bleeding"
- 15:10 - Hyung-Ho Kim (SNU) Management of intraoperative bleeding (I)
- 15:20 - Woo Jin Hyung (YUMC) Management of intraoperative bleeding (II)
- 15:30 - Young-Woo Kim (NCC) Management of intraoperative bleeding (III)
- 15:40 - Panel Discussion

- 15:55 - Intermission
- 16:00 - Special Lecture II (International Tele-lecture)
Chair: Young-Woo Kim (NCC)
- 16:00 - “Operation Rooms for Endoscopic Surgery in Kyushu University:
Olympus versus Storz”
Shuji Shimizu (Kyushu University)
- 16:30 - “Tips for Laparoscopic Coagulating Shears:
Harmonic scalpel vs Ultrashears vs Sonosurg”
Hirokazu Noshiro (Kyushu University)
- 17:00 - Closing

#24 超音波内視鏡ライブ中継 2004.11.15

Live Demonstration of EUS-guided Biopsy of Gastric Lesions
- Tele-Conference on Techniques and Diagnosis -

Date : November 15, 2004 (Monday)

Time : 14:00-15:30

Venue : Endoscopic room, Kyushu University Hospital, Japan

Conference room of Department of Pathology, National Cancer Center, Korea

Support : Kyushu GigaPOP Project (QGPOP)

Kyuden Infocom Company (QIC)

Korea Advanced Research Network (KOREN)

Korea University, Next Generation Internet Research Center (NIR)

Program

14:00 - Opening remarks

Dr Shuji Shimizu (Endoscopic Diagnostics and Therapeutics, Kyushu U)

Dr Young-Woo Kim (Center for Gastric Cancer, NCC)

14:05 - Introduction of each staff

Dr Kazuhiko Nakamura (Third Dept of Internal Medicine, Kyushu U)

Dr Il Ju Choi (Center for Gastric Cancer, & Chief, Section of Endoscopic Room)

14:10 - Case presentation

Dr Noriaki Matsui

14:20 - Explanation of instruments

Dr Noriaki Matsui

14:30 - Live EUS (Endoscopic Ultrasonography) starts

Operator: Dr Shigetaka Yoshinaga

Explained by Drs Hirotada Akiho/Noriaki Matsui

Discussant: Dr Sang Gyun Kim (Center for Gastric Cancer, NCC),

Dr Woo Jin Lee (Center for Liver Cancer, NCC)

- 15:00 - Pathological discussion when biopsy specimen is taken
Drs Hirotsada Akiho/Noriaki Matsui
Dr Myeong-Cherl Kook (Pathologist, Center for Gastric Cancer, NCC)
- 15:15 - Total discussion
Drs K Nakamura/H Akiho/N Matsui/S Yoshinaga
- 15:30 - Closing
Dr Sang Gyun Kim (Center for Gastric Cancer, NCC)

#26 拠点大学プログラムセミナー 2004.11.25

Joint Seminar of Core University Program
and JSPS 163rd Committee on NGI

Date : November 25, 2004 (Thursday)

Time : 11:00-15:30

Place : Engineering Building

[Medical-1]

11:00-12:30

Chair : Hiroyuki Konomi (Kyushu Univ)

Young Woo Kim (National Cancer Center)

1. "Medical applications: expanding fields and regions"
Shuji Shimizu (Kyushu Univ.), Naoki Nakashima, Koji Okamura, Young Woo Kim,
Joon Soo Hahm, Masao Tanaka
2. "Embryology and surgical anatomy of the human liver with symmetrical point of
view"
Baik Hwan Cho (Chonbuk Univ)
3. "Progress and problem of ERCP and IDUS in diagnosis of pancreatobiliary diseases
with application of 3-D reconstruction image"
Hiroyuki Konomi, Shuji Shimizu (Kyushu Univ),
4. "Cyber lecture between Seoul and Kyushu using high speed Internet network and
hardware DVTS"
Byeong In Moon (Ewha Womans Univ)

[Medical-2]

14:00-15:00

Chair : Jong Won Park (Chungnam National Univ)

Shuji Shimizu (Kyushu Univ)

1. "Telemedicine system over high speed network"
Ho Soon Choi, Joon Soo Hahm, Yong Jin Park (Hanyang Univ)

2. "Recent advance in small bowel endoscopy: capsule endoscopy and enteroscopy with double-balloon method"
Shinichiro Yada, Takayuki Matsumoto, Mitsuo Iida (Kyushu Univ)

3. "Firing up Access Grid over Wideband network"
Jung Hyun Lee (Seoul National Univ)

4. "Widening medical teleconferencing Infrastructure in Korea: DVTS & access grid on advanced network"
Young Woo Kim (National Cancer Center)

#28 胆膵領域のテレカンファレンス 2004.12.17

Hepatobiliary-pancreatic Teleconference between
Seoul National University, Ewha Womans University &
Kyushu University

Date : December 17, 2004 (Friday)

Time : 17:00-18:30

Place : Seoul National University Bundang Hospital, Korea

Ewha Womans University Mockdong Medical Center, Korea

Kyushu University Hospital, Japan

Moderator :

Dr Ho-Seong Han (Seoul), Dr Byung-In Moon (Seoul),

Dr Shuji Shimizu (Fukuoka)

17:00 - Opening remarks (Dr Ho-Seong Han)

17:05 - Staff introduction (each station)

17:10 - Presentation -1 (15 min)

“Cystic neoplasm of the pancreas: Diagnosis and treatment”

Speaker: Dr Koji Yamaguchi

(Department of Surgery and Oncology, Kyushu University Hospital)

17:30 - Presentation -2 (15 min)

“Various types of laparoscopic pancreatic surgery”

Speaker: Dr Ho-Seong Han

(Department of Surgery, Seoul National University Bundang Hospital)

17:50 - Presentation -3 (15 min)

“Laparoscopic pancreas surgery in Ewha Womans Hospital”

Speaker: Dr Hyeun-Guk Lee

(Department of Hepatobiliary pancreatic surgery,
Ewha Womans University Mockdong Medical Center)

18:10 - Presentation -4 (15 min)

“Laparoscopic pancreatic surgery in Kyushu University”

Speaker: Dr Shuji Shimizu

(Department of Endoscopic Diagnostics and Therapeutics,
Kyushu University Hospital)

18:30 - Closing (Dr Byung-In Moon)

#31 内視鏡手術テレカンファレンス 2005.1.21

Teleconference on Endoscopic Surgery between Seoul & Fukuoka
with the Guests from Samsung Medical Center

Date : January 21, 2005 (Friday)

Time : 17:00-18:15

Place : Seoul National University Bundang Hospital, Korea
Kyushu University Hospital, Japan

Moderator :

Dr Ho-Seong Han (Seoul), Dr Shuji Shimizu (Fukuoka),

17:00 - Opening remarks

(Ho-Seong Han, Seoul National University Bundang Hospital)

17:05 - Staff introduction (each station)

17:10 - “Laparoscopic colectomy in Kyushu University Hospital”

Speaker: Dr Takashi Ueki

17:25 - “Laparoscopic colectomy in Bundang Hospital”

Speaker: Dr Sung-Bum Kang

17:40 - “Laparoscopy-assisted distal gastrectomy in Kyushu University Hospital”

Speaker: Dr Kazuhiro Noshiro

18:55 - “Laparoscopy-assisted distal gastrectomy in Bundang Hospital”

Speaker: Dr Hyung-Ho Kim

18:10 - Closing (Dr Ho-Kyung Chun, Samsung Medical Center)

#32-1 アジア太平洋先端ネットワーク (APAN) @バンコク 2005.1.26

Medical Network BoF

Date : January 26, 2005 (Wednesday)

Time : 11:00-12:30 local time

1. Introduction of APAN: Mizushima H/Tokyo NCC
2. Current broadband network in AP: Kitamura Y/NICT
3. Situation in Korea-Japan: Telemedical activity in KJ: (on network)
Nakashima N/Kyushu U Hospital, Japan
4. Situation in Thailand: Continuous medical education exchanges between the Royal Thai- US Armies via videoteleconference; from ISDN to Internet2 to IronGrid,
COL Suwicha Tim Chitpatima, Ph.D. (Genetic Engineering), Phramongkutklao
Hospital, Bangkok
5. Situation in Taiwan: Robot-assisted laparoscopic surgery with Zeus system:
preliminary results and technical aspects
Hurng-Sheng Wu, Show-Chwan Memorial Hospital, Taiwan
6. Discussion
 - 1) Discussion on Charter
 - 2) Regional network: Thai/Taiwan/
 - 3) Contact person; matching with local engineer
 - 4) Homepage/including event record/ mailing list
 - 5) Event plans
 - 6) Collect slides

Medical Demonstration

Date : January 26, 2005 (Wednesday)

Time : 12:30-14:00 local time

Title : International medical teleconference between Beijing-Seoul-Fukuoka-Bangkok

Moderator :

Beijing (Dr Dong M), Seoul (Dr Han HS),

Fukuoka (Dr Nakashima N), Bangkok (Dr Shimizu S)

1. Opening remarks (Dr Mizushima H)
2. Message and introduction from each station
3. Video presentation of endoscopic surgery (Seoul/Beijing)
 - 1) Dr Ho-Seong Han, Seoul National University Bundang Hospital, Seoul
 - 2) Dr Lin Chen, General Hospital of People's Liberation Army, Beijing
4. Hematology (Thai/Kyushu)
 - 1) Regulatory role of apoptosis in erythropoiesis
(Koichiro Muta, M.D., Kyushu University, Fukuoka)
 - 2) Thalassemia; from genetic background to phenotypic diversity
(Suthat Fucharoen, M.D., Mahidol University, Bangkok)
5. Closing remarks (Dr Suthat Fucharoen)

#33 胆膵疾患に関する臨床・病理カンファレンス 2005.2.17

Pancreatobiliary Clinico-pathological Teleconference
between Seoul & Fukuoka

Date : February 17, 2005 (Thursday)

Time : 18:00-19:30

Place : Seoul National University Bundang Hospital, Korea
Kyushu University Hospital, Japan

Moderator :

Dr Ho-Seong Han (Seoul), Dr Shuji Shimizu (Japan),

18:00 - Opening remarks (Prof Masao Tanaka, Kyushu University Hospital)

18:05 - Brief introduction of staff and institution (each station)

18:15 - “Case presentation from Kyushu University,” chaired by Dr Koji Yamaguchi

Case presentation by Dept of Surgery I

Radiological images (CT, MRI, etc.) by Dept of Radiology

ERCP by Dept of Surgery I

EUS by Dept of 3rd Internal Medicine

Short discussion

Surgical findings by Dept of Surgical I

Pathological presentation by Dept of Pathology II

Discussion

18:50 - “Case presentation from Bundang Hospital,” chaired by Dr Ho-Seong Han

Case presentation by Dept of Surgery

Radiological images by Dept of Radiology

Surgical findings by Dept of Surgery

Pathological presentation by Dept of Pathology

Discussion

19:25 - Closing (Prof Ho-Seong Han, Seoul National University Bundang Hospital)

#35 膵・膵島移植研究会 2005.3.18

Teleconference on Pancreatic Transplantation between
Beijing-Seoul-Taipei-Fukuoka
- Current Status of Pancreas and Islet Cell Transplantation in Asia -

Date : March 18, 2005 (Friday)

Time : 14:50-16:50

Main venue :

Hyakunenn Koudou Memorial Hall, Kyushu University, Fukuoka, JAPAN

Moderator :

Shuji Shimizu, M.D. PhD., Atsushi Sugitani, M.D. PhD.

14:50 - Opening remarks

14:55 - Presentation by Atsushi Sugitani, M.D. Kyushu University (Fukuoka)

15:10 - Presentation by Song Cheol Kim, M.D. Asan Medical Center (Seoul)

15:25 - resentation by YM Shyr, M.D. Taipei Veterans General Hospital (Taipei)

15:40 - Presentation by Delin Guan, M.D. Tsinghua University (Beijing)

15:55 - Comments by

David ER Sutherland, M.D. Ph.D., University of Minnesota, USA

Duck-Jong Han, M.D. Ph.D., Asan Medical Center, Korea

16:15 - Free discussion

16:45 - Closing remarks