

Tele-medicine Activities

- Medical Tele-live Surgery, Collaboration



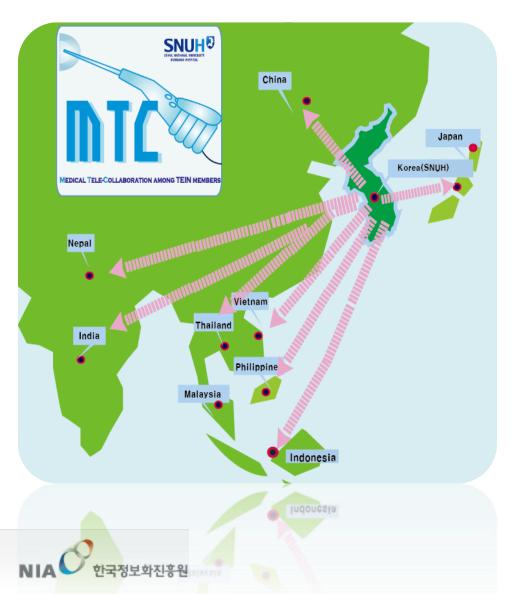
Seoul National University Bundang Hospital







MTC Project (with 9countries)









What is MTC Project!

- Our project name is MTC. The MTC's mean is Medical Tele-Collaboration among members.
- We are going to connect our hospital to member of countries and have regular Live Surgery, Tele-education and Telecommunication.







1.Tele-Livesurgery [13th 14th 프로그램]

Title: MTC Pjoject (Medical Tele-collaboration among TEIN members 2012)

Date1: 13th Auguest 2012 10:00~ (Korea time)
Date2: 12th Auguest 2012 10:00~ (Korea time)



	Country	Time	Hospital	Doctor	Engineers		
*)	China	9:00AM	Peking University Cancer Hospital	Dr. Chun-Yi Hao	Dr. Cheng-Peng Li, GuoTao		
•	India 6:30AM		GB Pant Hospital	Dr. AnilKAgarwal			
Indonesia		9:00AM	University of Airlangga Hospital	Dr. IwanKristian	Mr. Basuki Suhardiman		
•	Japan	10:00AM	Kyushu University Hospital	Dr. Shuji Shimizu	Miss. Yoko Noda, Dr Hu-Min		
Malaysia 9:00AM Kebangsaan University Hospital Dr. Jan Jin Bong		Dr. Jan Jin Bong	Mr. Azlanudin Azman				
*	Nepal 6		Kathmandu Model Hospital	Dr. Saroj Dhital	MR. Rajan Parajuli , Mr. Niraj Acharya		
	Philippines	9:00AM	The Philippines to National Kidney and T	Dr. Catherine SC Teh	Mr. Marvin Lagamot		
	Thailand	8:00AM	Chulalongkorn University Hospital	Dr. Supranit Nivatvongs	Pf. Ponarong Chotiwan, Sookcharoen		
Vietnam 8:00AM		8:00AM	Vieduc University Hospital	Dr. Tran Binh Giang	Mr. Bang, Au Tran		
N	Main event Schedule						
2012-08-13	Time	6hours	Pf. Ho-Seong Han				
2012-06-13	Korean time 10:00am ~		Live demo 1	Laparoscopic Rt. Hemihepatectomy			
2012-08-14	Time	6hours	Pf. Ho-Seong Han				
2012-08-14	Korean time 10:00am ~		Live demo 2	Laparoscopic Right Donor hemihepatectomy(operation type may change)			
Preperation							







Tele-Livesurgery (8/13~14)

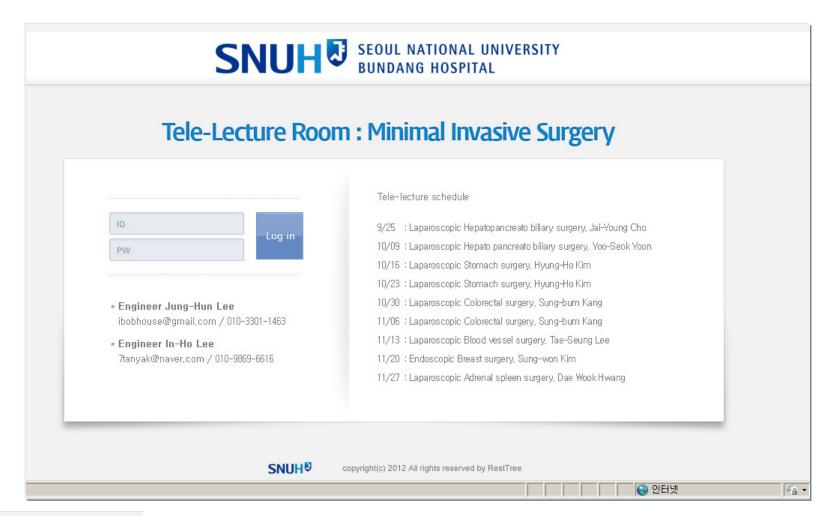
- "Laparoscopic Rt. Hemihepatectomy- Dr. HoSeong Han
- "Laparoscopic Right Donor hemihepatectomy Dr. Han
- OR 13 /
- System : Polycom, DVTS (30M~)
- 7 countries : China , Malaysia, Indonesia, Thailand ,
 Vietnam, Nepal , India







http://future.snubh.org/edu





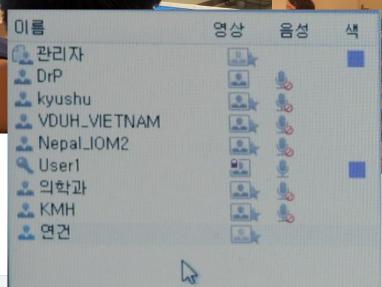










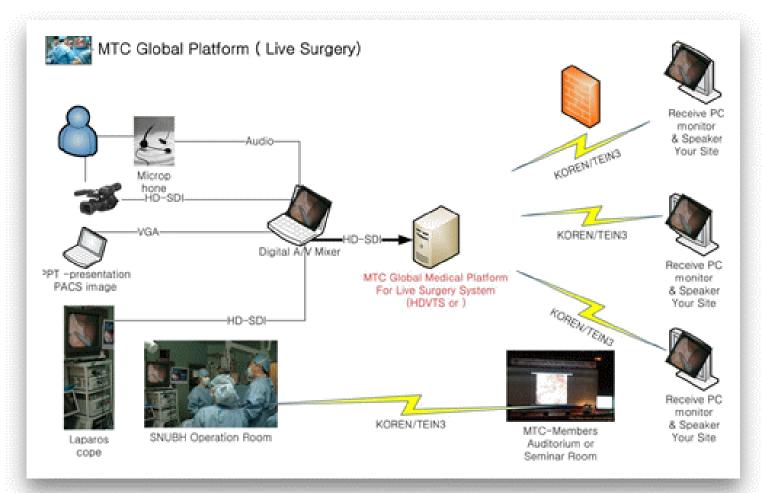








MTC Global Platform



HD: 8M~30 M bps

Web base : under 2M bps

HD resolution and depend on the site condition





Teleconferences in Medical Fields

Interactive

Real time

Clear image

Without Travel

Teleconference is contributing to medicines in many ways.







Contributions

- Education for Doctors
- International Conferences
- Cooperation with Engineers
- Solid Network among Countries







Tele-Lecture among Domestic Universities







Surgeons can Observe Operation without Entering OR 2006







SNUH P

Laparoscopic Liver Surgery Study Group Conferences 2008

8 sites

- -분당서울대학병원
- -영동세브란스
- -국립암센터
- -보라매병원
- -충남대학병원
- -경상대학병원
- -전남대학병원
- -전북대학병원

Liver Surgery Study Group Meeting







Medical Meeting for Training Surgeons

5th Postgraduate Course of Laparoscopic Surgery

Laparoscopic Surgery Update 2010

in conjunction with

the CME course of the IASGO (International Association of Surgeons, Gastroenterologists and Oncologists)

& the Korean Study Group of Laparoscopic Liver Surgery

Date May 28-29, 2010

Venue Seongnam City Hall

Organized by

Department of Surgery, Seoul National University Bundang Hospital

Supported by

Korean Society of Endoscopic & Laparoscopic Surgeons

Korean Association of Hepato-Biliary-Pancreatic Surgery

International Association of Surgeons, Gastroenterologists and Oncologists

National Information Society Agency

Seongnam City Hall

May 28, Fr	iday • Tele-live surgery	Auditorium (1st floor)	May 28, Fr	iday • Tele-live surgery	Conference room I (3rd floor)
09:30-09:40		Ho-Seong Han (Seoul Natl. Univ.) iin Youb Chung (President of Seoul Natl. Bundang Hospital)	09:40-10:00 10:00-12:30	Introduction of CME course of IASGO Robotic thyroidectomy	N.J. Lygidakis (Secretary General, IASGO) Operator: Kyu Eun Lee (Scoul Natl. Univ.)
09:40-10:00	Introduction of CME course of IASGO	N.J. Lygidakis (Secretary General, IASGO)		Moderator: Yeo-Kyu Youn (Seoul Natl. Univ.), Byung In Moon (Ewha Womans Univ.)
10:00-12:30	Laparoscopic liver surgery	Operator: Ho-Seong Han (Seoul Natl. Univ.)	12:30-13:30	Lunch	
	Moderator: Young F	Ioon Kim (Dong-A Univ.), Il Young Park (Catholic Univ.)	13:30-15:30	Laparoscopic bariatric surgery	Operator: Do Joong Park (Seoul Natl. Univ.)
12:30-13:30	Lunch				ung Ho Choi (Yonsei Univ.), Sang Uk Han (Ajou Univ.)
13:30-15:30	Laparoscopic colorectal surgery Moderator: Jun-Gi Kim	Operator: Sung-Bum Kang (Seoul Natl. Univ.) (Catholic Univ.), Gyu-Seog Choi (Kyungpook Natl. Univ.)	15:30-17:00	Endoscopic hernia operation	Operator: Kyung Yul Hur (Soonchunhyang Univ.) ng (Gachon Univ.), Ji-Young Sul (Choongnam Natl.Univ.)
15:30-17:30	Laparoscopic gastric surgeryOperator: I	Ivung-Ho Kim (Seoul Natl. Univ.)			• 100 miles
	Moderator: Ichiro Uyama (Fujita Health Univeristy, Japan), Wook Kim (Catholic Univ.)	May 28, Fr 14:00-17:00	iday 8th meeting of Korean Study G	Conference room II (3rd floor) Froup of Laparoscopic Liver Surgery





Lecture : Extensive open liver surgery



Tele-Education for Medical Student in Kyushu University



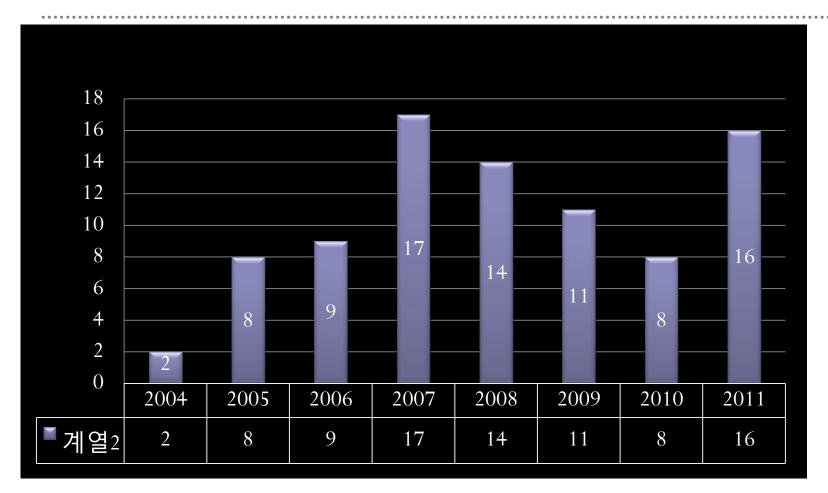








Live Suegery







Contributions

- Education for Doctors
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ELSA2006 in Seoul

	Wed Oct. 18	Thurs Oct. 19	Fri Oct. 20	Sat Oct. 21	Sun Oct. 22
MC		Opening Ceremony			
MORNING		Plenary Session/ Panel Discussion /Symposium	Plenary Session/ Panel Discussion /Symposium	Plenary Session/ Symposium	Optional
LUNCH	Live Surgery from 3 countries	Luncheon Sym.	Luncheon Sym.	Closing Ceremony	Tours
AFTERNOON		Tele-live Surgery with KOREN	Tele-live Surgery with KOREN		
EVENING	Welcome Reception		Congress Banquet		
EVENING All Day			_		





APHPBA Programme

First Biennial Congress of the Asian-Pacific Hepato-Pancreato-Biliary Association, 2007 FUKUOKA, JAPAN



Friday, March	23, 2007				Re	gistrati	on open hours: 8:00-17:0	0
Room		Lv	1 1	10 C	8 00 3 	30 0 I I I	9 10 0 0 30 00 30	1 0
Room A	Main Hall	3					Debate Session 2 LRLTx: Which segment from donor?	
Room B	502-503	5					Symposium 4 Management for advanced pancreatic	cancer
Room C	501	5					HD Live Surgery : Laparoscopic distal pancreatectomy	





Japan Surgical Society 2009



Laparoscopic distal pancreatectomy

Apr 2 2009





2. Dr. Han Ho-Seong



TASGO 2009 in Beijing









Digestive Apparatus Surgery; Rome







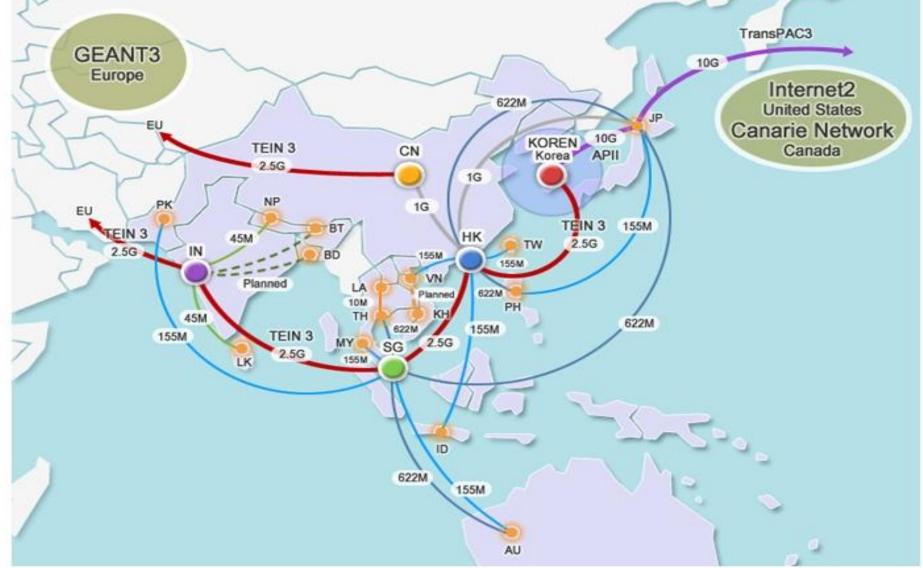
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Network Requirement KOREN (Research network.NIA 2011) 4 TransPAC3 **GEANT3** 10G Europe Internet2 622M **United States** Canarie Network KOREN TEIN 3 Canada CN Korea APII 2.5G 1G NP 1G TEIN 3 155M TEIN 3 HK 45M 2.5G TW





APAN- Kaoshiung







APAN- KL



July 23 2009







APAN- Sydney



Feb 11 2010







Trial of New System; Vidyo









HD steaming test with VPN



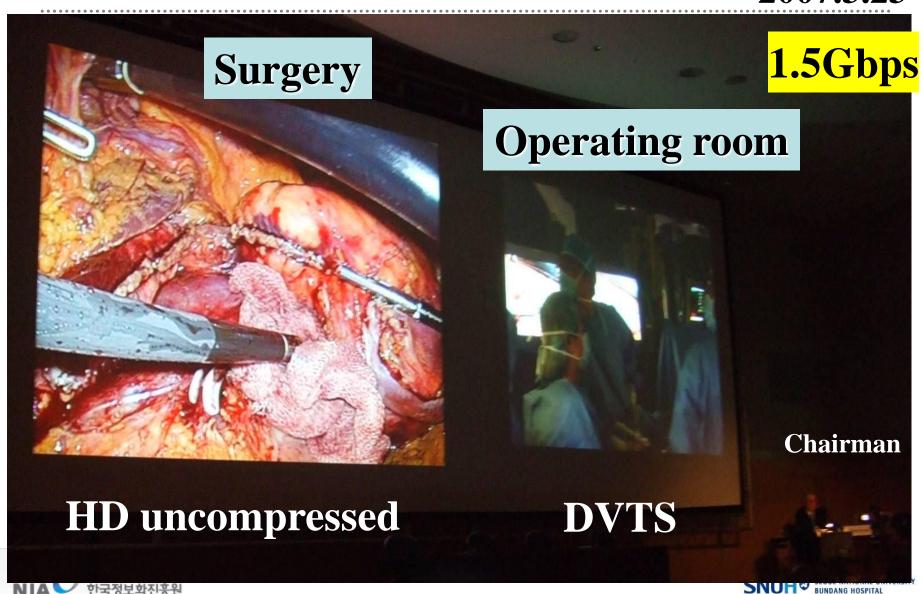






HD transmission

2007.3.23



(KBS News)







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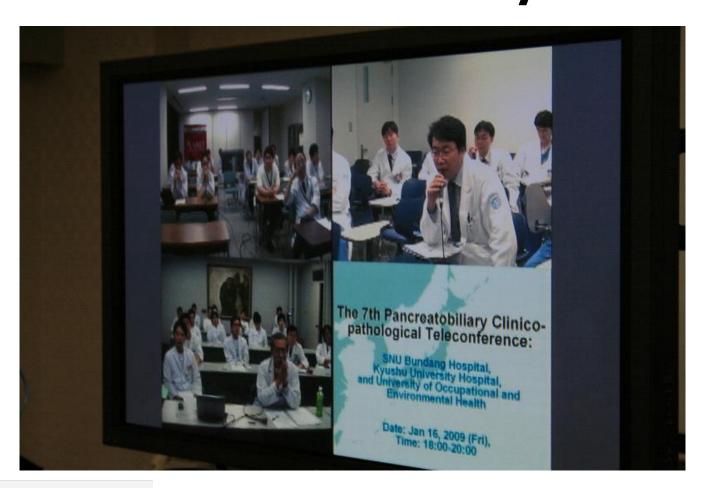
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Tele-CPC among SNU, Kyushu & OEH University



Jan 16 2009





Shanghai Live Surgery 2009

Advance in Laparoscopic and Endoscopic Surgery for Digestive System Malignancies (Shanghai 2009)

June 24 (Wednesda	y)						
8:00am~	Register , accommodation						
June 25 (Thursday)							
8:00am~8:15am	Opening Remark		Hospital Official				
8:30am~11:30am	Live Surgery: Laparoscopic Colorectomy for Colorectal Cancer		Prof. Zheng Min-hua				
	Current Status for Laparoscopic Colorectomy for Colorectal Cancer						
Lunch Break							
13:00pm~14:00pm	International videoconference : laparoscopic liver resection	Seoul National University Bundang Hospital	Ho-Seong Han MD PhD				



June 25 2009





Asia Pacific Workshop 11: Singapore



July 3 2009







APHPBA II in Thailand



Mar 25 2009



NIA V 한국정보화진흥원



Tele-Live Surgery to Other Asians



Tele- Live Surgery to Vietnam





^{시간} 14:00 - 18:00 ^{정소} 베트남 하노이 정보접근센터

한-베 디지털 지식벨트 기념식 및 시범서비스 추진 세미나

디지털 지식벨트 구축에 따른 시연 및 ICT 연구개발 인프라 협력방안 등이 심도깊게 논의됩니다.

행사내용

TEIN-3 개통식, 디지털 지식벨트 전문가 세미나 등

TEIN3 opening celebration 2009. Oct 18







Cooperation among Medical Group; Doctors and Engineers



4th Asian Telemedicine Symposium will soon be held.





ele-Lecture for Post-Graduate Student in Seoul National University

• Graduate Student Course Minimum Invasive Surgery

최소 침습 수술 개론 강의

시간 : 매주 목요일 18:00 - 21:00

장소 : 분당 서울대학교 병원 5층 외과 회의실

서울대학교 병원 5층 5320호 (화상강의)

담당교수: 한호성

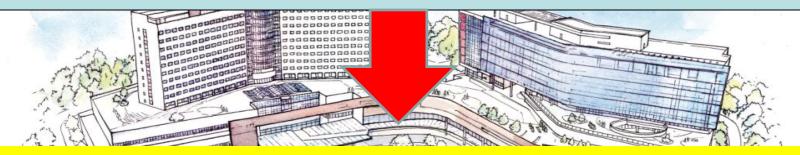






MTC = Share

- Research of the Medical Platform in the Medical Environment
- Global Minimally Invasive Surgery Education Curriculum Studies



Technology, the development of human health











