

# ROBOTIC SURGERY LIVE 2014

October 16-18, 2014  
Severance Hospital, Seoul, Korea

## Scientific Program

Organized by the Korean Society of Endoscopic  
& Laparoscopic Surgeons



# Urology

Eunmyung Auditorium  
Oct 16 (Thu) AM, PM

08:00-08:25	<b>Registration</b>	Dae Keun Kim (Morning), Young Eun Yoon (Afternoon)
08:25-08:30	<b>Opening &amp; Welcome Remarks</b>	Young Deuk Choi (Yonsei University, Korea)
	<b>Chair:</b> Byong Chang Jeong (Sungkyunkwan University, Korea)	
08:30-10:00	<b>Live Surgery</b> <b>- Robotic partial nephrectomy using firefly technology</b>	Koon Ho Rha (Yonsei University, Korea)
	<b>Panel:</b> Sung Yul Park (Hanyang University, Korea), Woong Kyu Han (Yonsei University, Korea)	
	<b>Chair:</b> Jun Cheon (Korea University, Korea)	
10:00-11:00	<b>Live Surgery</b> <b>- Extraperitoneal Prostatectomy in advanced prostate cancer</b>	Young Deuk Choi (Yonsei University, Korea)
	<b>Panel:</b> Young HwiiKo (YOUNG NAM UNIVERSITY, Korea), Jae Hung Jung (Yonsei Wonju University, Korea), Cheol Kyu Oh (Inje University, Korea)	
11:00-11:20	<b>Coffee break</b>	
	<b>Chair:</b> Koon Ho Rha (Yonsei University, Korea)	
11:20-11:40	<b>Special lecture</b> <b>Robotic Urological Experience at Henry Ford</b>	Woo ju Jeong (Henry Ford hospital, USA)
	<b>Chair:</b> Woong Kyu Han (Yonsei University, Korea)	
11:40-12:00	<b>New platform – single site surgery</b> <b>Da Vinci Single Site Surgery</b>	Michelle Paknad (Sr. Marketing Manager, IS)
12:00-13:00	<b>Lunch</b>	

**Chair:** Tae Gyun Kwon (Kyungpook National University, Korea)  
Dong Deuk Kwon (Chonnam National University, Korea)

13:00-14:00

## Live Surgery

### - Retzius-Sparing Totally-posterior approach Prostatectomy

Koon Ho Rha (Yonsei University, Korea)

**Panel:** Ill Young Seo (Wonkwang University, Korea), Sang Hyeon Cheon (Ulsan University, Korea),  
Tae Hyo Kim (Dong A University, Korea)

**Chair:** Byung Ha Chung (Yonsei University, Korea)

14:00-14:30

## Overview of Yonsei Experience

- 1) Conventional Robotic Surgery
- 2) Single Site Surgery

Seung Hwan Lee (Yonsei University, Korea)

Won Sik Ham (Yonsei University, Korea)

**Chair:** : Dong Hyun Lee (Ewha University, Korea), Jun Hyuk Hong (Ulsan University, Korea)

14:30-15:30

## International Urological Experience in Robotic surgery

- 1) Robotic Kidney Transplantation
- 2) Robotic Surgery in Malaysia
- 3) Robotic Surgery in Philippines

Woo ju Jeong, M.D. (Henry Ford hospital, USA)

Chit Loh, M.D. (Greeneagles hospital, Malaysia)

Enrique Ian Saavedra Lorenzo, M.D. (The Medical City, Philippines)

**Chair:** Francis Raymond P. Arkoncel, M.D. (The Medical City, Philippines)  
Patrick H. Tuliao, M.D. (The Medical City, Philippines)

15:30-16:00

## Robotic Single site surgery

- 1) Single-site Partial nephrectomy
- 2) New experience in robotic single site surgery: video session

Dae Keun Kim (Yonsei University, Korea)

Woong Kyu Han (Yonsei University, Korea)

16:00

## Closing Remarks

Byung Ha Chung (Yonsei University, Korea)

09:00-09:05	<b>Opening Remark</b>	Woo Jung Lee (Yonsei University, Korea)
09:05-09:20	<b>Review of Current Robotic Experiences in Yonsei HBP Surgery</b>	Dai Hoon Han (Yonsei University, Korea)
09:20-09:50	<b>HBP Surgery in Pediatric Cases</b>	Seok Joo Han (Yonsei University, Korea)
<b>Session 1 Robotic single site cholecystectomy:</b>		
<b>Chair:</b> Dong Sup Yoon (Yonsei University, Korea) Woo Jung Lee (Yonsei University, Korea)		
09:50-10:05	<b>Over-view</b>	Jae Keun Kim (Yonsei University, Korea)
10:05-10:35	<b>Initial experience &amp; trouble shooting</b>	Koo Jeong Kang (Keimyung University Dongsan Medical Center, Korea) Sung Hoon Choi (CHA Bundang Medical Center, Korea)
10:35-10:55	<b>Coffee break</b>	
<b>Session 2</b>		
10:55-11:55	<b>Discussion with Live Surgery: Robotic Single Site Cholecystectomy</b>	Chang Moo Kang (Yonsei University, Korea)
11:55-12:15	<b>Critiques from the view point of SILS</b>	Young Hoon Roh (Dong-A University, Korea)

# Endocrine

Seminar Room 2, 3  
Oct 16 (Thu) PM

## Session I Plenary Lecture

**Chair:** Woong Youn Chung (Yonsei University, Korea)  
Jun Ho Choe (Sungkyunkwan University, Korea)

- 13:30 – 13:50 **Recent updates and evidences in robotic thyroidectomy & MRND (gasless, transaxillary approach)**  
Jan Dee Lee (Yonsei University, Korea)
- 13:50 – 14:10 **Recent updates and evidences in robotic thyroidectomy & MRND (BABA approach)**  
Kyu Eun Lee (Seoul national University, Korea)
- 14:10 – 14:30 **Technical issues for robotic MRND; Tips & tricks, and surgical complications (TAA)**  
So Hee Lee (Catholic University, Korea)
- 14:30 – 14:50 **Technical issues for robotic MRND; Tips & tricks, and surgical complications (BABA)**  
Kyung Ho Kang (Chung-Ang University, Korea)
- 14:50 – 15:10 **Discussion**

15:10 – 15:30 **Coffee break**

## Session II Video presentation

**Chair:** Kee Hyun Nam (Yonsei University, Korea)  
Kyu Eun Lee (Seoul national University, Korea)

- 15:30 – 16:00 **Robotic thyroidectomy and MRND for thyroid cancer (TAA)**  
Sang Wook Kang (Yonsei University, Korea)
- 16:00 – 16:30 **Robotic thyroidectomy and MRND for thyroid cancer (BABA)**  
Kyung Ho Kang (Chung-Ang University, Korea)
- 16:30 – 16:50 **Discussion**

# Plenary

**Eunmyung Auditorium**  
Oct 17 (FRI) AM, PM

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09:30-10:10	<b>Registration</b>	
10:10-10:20	<b>Opening &amp; Welcome Remarks</b>	Young Deuk Choi (Department of Urology, Yonsei University, Korea)
10:20-11:30	<b>Engineering in Robotic surgery (Intuitive)</b>	
	1) Single access surgery	Michelle Paknad (Sr Marketing Manager, IS)
	2) Advanced technology and worldwide robotic procedure trend	Ryan Rhodes (VP Clinical Marketing, IS)
	3) Surgical robots, past, present and future	Dave Rosa (EVP Scientific Affairs, IS)
	4) Discussion	
11:30-12:00	Robotic Surgery at Yonsei Severance : Lessons Learned after 11,000 cases	Koon Ho Rha (Yonsei University, Korea)
12:00-13:30	<b>Lunch</b>	
	<b>Chair:</b> Woo Jung Lee (Yonsei University, Korea), Young Soo Kim (Hanyang University, Korea), Dong Su Kwon (KAIST, Korea), Dave Rosa (IS, EVP Scientific Affairs, IS)	
13:30-15:30	<b>Robotic Surgical Platforms 2014</b>	
	1) Development of Korean multi-arm robotic surgical system	Woo Jung Lee (Yonsei University, Korea)
	2) Neurosurgical Surgical Platform	Young Soo Kim (Hanyang University, Korea)
	3) ENT surgical robot Platform	Byung Ju Yi (Hanyang University, Korea)
	4) KALAR and more: KAIST Experience	Dong Su Kwon (KAIST, Korea)
	5) Value based surgical robot design: A novel compact single port surgical robot	Hyung Joo Kim (Samsung Advanced Institute of Technology Korea)
	6) Panel discussion	Koon Ho Rha, Woo Jung Lee, Young Soo Kim, Byung Ju Yi, Dong Su Kwon, Hyung Joo Kim

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## Session 1 Live Surgery for Robot-assisted Neck Dissection : Retroauricular approach

**Chair:** Eun Chang Choi (Yonsei University, Korea),  
Tsung-Lin Yang (National Taiwan University, Taiwan)

- 12:30-14:00 **Live Surgery for Robot-assisted Neck Dissection**  
**Operator:** Yoon Woo Koh (Yonsei University, Korea)
- 14:00-14:30 **Discussion**  
Pornake Apipan (Rajavithi Hospital, Thailand)  
Chwee-Ming Lim (National University Hospital, Singapore)  
Cheerasook Chongkolwatana (Mahidol University, Thailand)

14:30-15:00 **Coffee break**

## Session 2 Minimally Invasive Head & Neck Surgery and Thyroidectomy around the World

**Chair:** Eun Chang Choi (Yonsei University, Korea),  
Cheerasook Chongkolwatana (Mahidol University, Thailand)

- 15:10-15:30 **Minimally Invasive HN surgery-Taiwan's experiences**  
Tsung-Lin Yang (National Taiwan University, Taiwan)
- 15:30-15:50 **Endoscopic Esthetic HN surgery-Thailand's experiences**  
Pornake Apipan (Rajavithi Hospital, Thailand)
- 15:50-16:10 **Early Experiences in Setting Up a Robotic Programme in Singapore**  
Chwee-Ming Lim (National University Hospital, Singapore)

16:10-16:30 **Coffee break**

- 16:30-16:50 **Esthetic Neck Surgery for Benign lesions: Transoral, Transaxillary, & Retroauricular approach**  
Hyun Jun Hong (International St. Mary's Hospital)
- 16:50-17:10 **What's the Role of Partial Laryngectomy (Supracricoid & Supraglottic Partial Laryngectomy) in the era of TLM & TORS**  
Cheerasook Chongkolwatana (Mahidol University, Thailand)
- 17:10-17:30 **Changing paradigm of head and neck surgery from mutilating to esthetic**  
Eun Chang Choi (Yonsei University, Korea)

17:30-17:40 **Closing remark** Eun Chang Choi (Yonsei University, Korea)

13:30-14:00 **Registration**

14:00-14:05 **Welcome Remarks**

**Session 1**

**Chair:** Young Tae Kim (Yonsei University, Korea),  
Joong Sub Choi (Hanyang University, Korea)

14:05-14:25 **Tips and pitfalls in robotic single-site gynecologic surgery**  
Ji Heum Paek (Ajou University, Korea)

14:25-14:45 **Robot assisted laparoscopic staging of endometrial cancer: comparison with conventional laparoscopy**  
Ga Won Yim (Yonsei University, Korea)

14:45-15:05 **The benefits and challenges of robotic-assisted surgery in gynecology**  
Myong Cheol Lim (National Cancer Center, Korea)

15:05-15:30 **Coffee break**

**Session 2**

**Chair:** Hye Sung Moon (Ewha University, Korea), Byoung Gie Kim (Sungkyunkwan University, Korea)

15:30-15:50 **Robotic surgery training with simulation system**  
Maria Lee (Seoul National University, Korea)

15:50-16:20 **Advanced technology and worldwide robotic procedure trend**  
Ryan Rhodes (VP Clinical Marketing, IS)

16:20-17:30 **Robotic Surgery Live using The da Vinci® Xi™ Surgical System in Porcine Model**  
Eun Ji Nam (Yonsei University, Korea)

**Panel:** Ga Won Yim, Maria Lee, Myong Cheol Lim

17:30-17:35 **Closing Remarks**



# Colorectal

Eunmyung Auditorium  
Oct 18 (SAT) AM, PM

08:50-09:00 **Opening & Welcome Remarks** Nam Kyu Kim (Yonsei University, Korea)

## Session 1 Learning Curve and Training

**Chair:** Jae Hwan Oh (National Cancer Center, Korea)  
Eung Jin Shin (Soon Chun Hyang University, Korea)

09:00-09:20 **Learning Curve of Robotic LAR** Seung Hyuk Baik (Yonsei University, Korea)

09:20-09:40 **Barriers of Robotic Surgery from the Experience of Senior Expert of Lap**  
Gil Yeon Lee (KyungHee University, Korea)

09:40-10:00 **Robotic surgery training in USA: perspectives as a trainee**  
George Melich (UIC/Lutheran General Hospital, Chicago, USA)

10:00-10:20 **Training tips and tricks** Jay Lee (Market Development Manager, ISK)

10:20-10:30 **Discussion**

10:30-12:00 **Live Demonstration**

**Chair:** Jin Cheon Kim (Ulsan University, Korea),  
Jeong-Heum Baek (Gachon University, Incheon, Korea)  
**Operator:** Nam Kyu Kim (Yonsei University, Korea)

12:00-13:00 **Lunch**

13:00-13:30 **Keynote lecture 1** Ichiro Takemasa (Osaka University, Japan)

## Session 2 Expert Panel Discussion

**Master of Ceremonies:** Kang Young Lee (Yonsei University, Korea)

**Panel:** Eung Jin Shin, Hee Cheol Kim, Gil Yeon Lee, Jin Kim, Byung Soh Min, Vincent Obias, Ichiro Takemasa, George Melich

13:30-13:50 **Hybrid vs. Totally Robotics**

13:50-14:10 **4th arm on Left vs. Right**

14:10-14:30 **Favorite instruments**

14:30-15:00 **Keynote lecture 2** Vincent Obias (Washington University, USA)

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15:00-15:20 **Coffee break**

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### **Session 3 National Insurance Coverage Issues**

**Chair:** Nam Kyu Kim (Yonsei University, Korea)  
Jung Gu Kang (NHIS Ilsan Hospital, Korea)

(Korean under way)

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- 15:20-15:40 **Introduction to the stepwise National Insurance Coverage policy and the current status of National Insurance Coverage in Robotic surgery.**  
Young Ki Jeong (Ministry of Health & Welfare)
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- 15:40-16:00 **Scientific evidence with respect to effectiveness and safety of Robotic surgery**  
Seon Heui Lee (NECA, Division for new Health Technology Assessment, Korea)
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- 16:00-16:20 **Cost-effectiveness analysis of robotic surgery**  
Seon Hahn Kim (KAROS Chairman & President)
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- 16:20-16:40 **“To reduce cost of Robotic surgical equipment”,  
“Present condition and future prospects of Robotic surgery by countries”**  
Hye Kyung Chung (RA/QA/Market Access Director, ISK)
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- 16:40-17:00 **Discussion**
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- 17:00-17:05 **Closing remark**
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# Nursing / Training

Seminar Room 2, 3  
Oct 18 (SAT) AM

08:55-09:00 **Opening Remark**

## Session 1 Nursing in Robotic Surgery

**Chair:** Yoon Ah Lee (Yonsei University, Korea)

(Korean under way)

09:00-09:20 **Life as a da Vinci Coordinator** Hyun jung Song (Yonsei University, Korea)

09:20-09:40 **Management of patients undergoing various robotic thyroidectomy approaches**  
Kyung Hee Lee (Yonsei University, Korea)

09:40-10:00 **To dream the best of another** Yeon Ju Oh (Ajou University, Korea)

10:00-10:20 **Understanding of Firefly Fluorescence Imaging techniques and nursing**  
So young Kim (Yonsei University, Korea)

10:20-10:40 **New technology of robotic single-site surgery and roles of nurses**  
Hyun Jin Lee (Yonsei University, Korea)

10:40-11:00 **Coffee break**

## Session 2 Successful training in Robotic Surgery

**Chair:** Cho Rok Lee (Yonsei University, Korea)

(Korean under way)

11:00-11:25 **Technical Training Pathway for da Vinci Surgery**  
Michael Hall (Asia Pacific Senior Training Manager, Intuitive Surgical, USA)

11:25-11:50 **How to improve your technical skills in da Vinci**  
Jay Lee (Market Development Manager, ISK)

11:50-12:10 **Experience at Yonsei Training center** Young Moon (Yonsei University, Korea)