

# 2<sup>nd</sup> INTERNATIONAL SEVERANCE ROBOTIC SURGERY SYMPOSIUM

## in Head and Neck Cancer and Hands-on Workshop

### 2012-10-06 (Sat.) SYMPOSIUM

#### 09:00-09:10 **Congratulatory Remarks**

Won Sang Lee, M.D. / Chairman Dept. of Otorhinolaryngology,  
Yonsei University College of Medicine  
Young Mo Kim, M.D. / President of Korean Society of Head and Neck Surgery

#### **Session I Robotic Surgery: Technical Advance in Robotic Surgical System**

Moderator: Kwang Hyun Kim, M.D. Seoul National University

#### 09:10-09:30 **Development of robotic surgical system**

Byung-Ju Yi, Ph.D., Hanyang University

#### 09:30-09:50 **Up to date technology of robotic surgical system**

Intuitive

#### **Session II Transoral Robotic Surgery (TORS): Rationale, Surgical Anatomy and Setting**

Moderator: Young Mo Kim, M.D. Inha University

#### 09:50-10:10 **Rationale of TORS**

Gregory S. Weinstein, M.D., University of Pennsylvania

#### 10:10-10:30 **TORS; Pre-op preparation and surgical setting**

Se-Heon Kim, M.D. Yonsei University

#### 10:30-10:50 **TORS; Surgical anatomy from inside to outside**

Min Shik Kim, M.D., Catholic University

#### 10:50-11:10 **Coffee break**

#### **Session III Keynote lectures (TORS)**

Chairman: Eun Chang Choi, M.D., Yonsei University

#### 11:10-12:10 **TORS for oropharyngeal cancer; How I do it**

Gregory S. Weinstein, M.D., University of Pennsylvania

#### 12:10-13:10 **Lunch**

#### **Session IV Robotic thyroidectomy: Surgical techniques and outcomes**

Moderator: Kwang-Yoon Jung, M.D. Korea University

#### 13:10-13:30 **Robotic total thyroidectomy (Transaxillary Approach)**

Kyung Tae, M.D. Hanyang University

#### 13:30-13:50 **Robotic total thyroidectomy (BABA)**

Ki-Wook Chung, M.D. Ulsan University

#### 13:50-14:10 **Robotic neck dissection in thyroid cancer**

Woong Youn Chung, M.D. Yonsei University

#### 14:10-14:20 **Discussion**

#### **Session V TORS: Surgical technique outcomes and limitations**

Moderator: Chen-Chi Wang, M.D. Taichung University  
Ichiro Tateya, M.D. Kyoto University

#### 14:20-14:50 **TORS for supraglottic and hypopharyngeal cancer**

Se-Heon Kim, M.D. Yonsei University

#### 14:50-15:05 **Robotic SMG resection and parapharyngeal tumor resection**

Armando De Virgilio, M.D., La Sapienza University

#### 15:05-15:20 **Postoperative Imaging of TORS**

Jinna Kim, M.D. Yonsei University

#### 15:20-15:35 **Robotic neck dissection in squamous cell carcinoma**

Yoon Woo Koh, M.D., Yonsei University

#### 15:35-15:50 **Current Limitations of TORS**

Young Soo Rho, M.D., Hallym University

#### 15:50-16:00 **Discussion**

#### 16:00-16:20 **Coffee Break**

#### **Session VI Round Table Video Session**

Moderator: Marco De Vincentiis, M.D. La Sapienza University  
Hin Ngan Tay, M.D. Singapore General Hospital  
Se-Heon Kim, M.D. Yonsei University

#### 16:20-18:00 **Round Table Video Session(Robotic Surgery in Head and Neck)**

Gregory S. Weinstein, M.D. Kwang Hyun Kim, M.D.  
Young Soo Rho, M.D. Eun Chang Choi, M.D.  
Min Shik Kim, M.D. Young Mo Kim, M.D.  
Kwang-Yoon Jung, M.D. Kyung Tae, M.D.  
Se-Heon Kim, M.D. Chen-Chi Wang, M.D.

#### 18:00 **Adjourn**

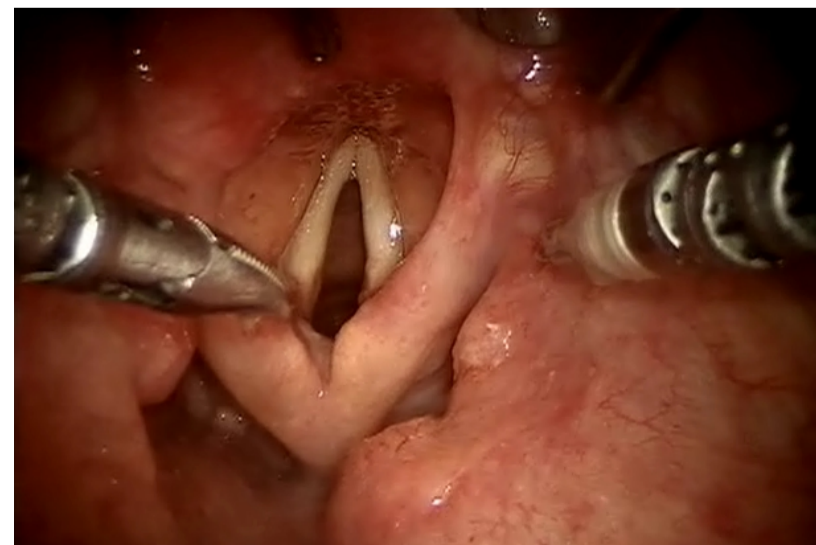
### 2012-10-05 (Fri.) HANDS-ON WORKSHOP

#### **TORS Hands-on workshop**

Gregory S. Weinstein, M.D., Se-Heon Kim, M.D.

#### 09:00-17:00 **Surgical techniques with da Vinci Robotic System**

1. Supraglottic laryngectomy
2. Hypopharyngectomy
3. Lateral oropharyngectomy
4. BOT resection



**Time : 2012.10.5 (Fri) - 10.6 (Sat)**

**Place: Severance Hospital, Seoul**

Organized by : 1. Yonsei University College of Medicine  
2. The Korean Society of Head and Neck Surgery

Course Director : Se-Heon Kim, M.D., Ph.D. Professor.

Department of Otorhinolaryngology, Yonsei University College of Medicine,  
TEL:+82-10-8899-0456; FAX: +82-2-393-0580; E-MAIL:shkimmd@yuhs.ac



**연세대학교**  
YONSEI UNIVERSITY

## REGISTRATION FORM

Please return this form via e-mail or FAX

Professor **Se-Heon Kim** E-mail: [shkimmd@gmail.com](mailto:shkimmd@gmail.com) FAX: 82-2-393-0580

### PARTICIPANT

Last Name	First Name	Title
Institution		
Mailing address		
Tel	E-mail	

### A. Registration Fee

		No. of persons	Total
Member of Korea Society Head and Neck Surgery	50,000KRW / onsite 100,000KRW		KRW
Non Member	150 USD / onsite 200USD		USD

**Korean physicians - only credit transfer available "Woori Bank 1005-601-800462 The Korean Society of Head and Neck Surgery"**

International physicians

Bank information is as follows:

- Bank name & branch: WOORI BANK SEVERANCE HOSPITAL SUBBRANCH
- Address of bank: Severance Hospital 134 Sinchon-Dong, Seodeamun-Ku, Seoul 120-749, Korea
- Swift code (bank identifier code): HVBKRRSEXXX
- Account number with the bank: 1081-400-435529
- Address: Seheon Kim, M.D.

Dept. Otorhinolaryngology Yonsei University College of Medicine, 134 Sinchon-Dong, Seodeamun-Ku, Seoul 120-752, Korea

### B. Accomodation for International physicians

	Fee	No. of persons	Total
Allen Hall (Guest House) (10/4-5)	100 USD(tentative)		USD
Allen Hall (Guest House) (10/4-6) 2 nights	200 USD(tentative)		USD
Allen Hall (Guest House) (10/4-7) 3 nights	300 USD(tentative)		USD

All reservations are to be made through the meeting office.

## REGISTRATION FORM (Hands-on Workshop)

Please return this form via e-mail or FAX

Professor **Se-Heon Kim** E-mail: [shkimmd@gmail.com](mailto:shkimmd@gmail.com) FAX: 82-2-393-0580

### PARTICIPANT

Last Name	First Name	Title
Institution		
Mailing address		
Tel	E-mail	

### A. Registration Fee

		No. of persons	Total
Advanced course on cadaver (who already finished the basic course)	2,800 USD		USD
Observation fee	Non Member	150USD	
	Member of Korea Society of Head and Neck Surgery	100,000KRW	
Total			USD

Korean physicians - only credit transfer available "Woori Bank 1005-601-800462 The Korean Society of Head and Neck Surgery"

**International physicians : Bank information is as same as above**



# 2<sup>nd</sup> INTERNATIONAL SEVERANCE ROBOTIC SURGERY SYMPOSIUM

## in Head and Neck Cancer and Hands-on Workshop

Time **2012-10-05(Fri)-10-06(Sat)**

Place **Severance Hospital, Seoul**



대한두경부외과학회



연세대학교  
YONSEI UNIVERSITY

**Organized by**

The Korean Society of Head and Neck Surgery  
The Department of Otorhinolaryngology,  
Yonsei University College of Medicine



# Welcome Address

## 2nd International Severance Robotic Surgery Symposium in Head and Neck Cancer and Hands-on Workshop

The head and neck region, considered the centerpiece of the human anatomy for its complex structures, is also responsible for many important functions such as respiration, phonation and swallowing. Surgery upon this such difficult and important area of head and neck have greatly progressed since the past century, the objective being not only to safely remove the tumor but also to minimize the morbidity and functional loss of the patient postoperatively. In that sense, Transoral Robotic Surgery (TORS) is an emerging technique for the treatment of head and neck tumors. TORS is an operative technique in removing the tumor of areas such as the tonsil, larynx and hypopharynx where it is difficult to access by methods other than manually invasive approach techniques. It is performed by introducing certain robotic arms transorally and manipulating it in all desired directions with the acquired magnified view of the tumor through a 3-dimensional camera. As it is a surgery through the oral cavity, there is no need to destruct normal anatomical structures for surgical access and therefore, postoperative functional preservation and early recovery can be anticipated. With up to 10 to 12 times magnified 3-dimensional view, the tumor can be more safely resected than through the direct view of the naked eye. One additional major benefit of this procedure could be the preservation of important structures through precise and accurate movements of the robotic arms. This procedure is currently being attempted worldwide but it has been approved by the FDA not so long ago, so it is yet an unfamiliar technique to many head and neck surgeons. Therefore this symposium has been designed to review the basic knowledge, operating methods and fundamental principles of this unfamiliar robotic surgery and to understand various TORS methods performed recently on many areas so that more people can feel comfortable about this

### Se-Heon Kim, M.D., Ph.D.

Professor  
Department of Otorhinolaryngology  
Yonsei University College of Medicine  
Tel: +82-10-8899-0456  
Fax: +82-2-393-0580  
E-mail: shkimmd@yuhs.ac



novel procedure. In particular we have invited Dr. Gregory S. Weinstein of the University of Pennsylvania for this symposium to provide you with opportunities to listen to lectures concerning ' Rationale of TORS ' and ' TORS for oropharyngeal cancer; How I do it ' . Whatsmore, we have arranged Round table Video Sessions to learn and discuss techniques regarding TORS and Robotic thyroid surgery. I bid you to participate and grace this symposium and I sincerely hope that your eager attention can ignite another beginning of the advancement of Head and Neck surgery.

Thank you very much.

Oct 5th -6th 2012



# General Information

## Date

- 2012-10-5(Fri.)-Hands-on workshop
- 2012-10-6(Sat)-Symposium

## Venue

Auditorium #337 in College of Medicine , Severance Hospital, Yonsei University, Seoul, Korea

- Tel: 82-2-2228-3600
- Fax: 82-2-393-0580

## Meeting Office

Department of Otorhinolaryngology, Yonsei University College of Medicine,  
134 Shinchon-dong, Seodaemun-gu, Seoul, Korea 120-752

Please contact to Professor, Se-Heon Kim

- E-mail: shkimmd@yuhs.ac
- Tel: +82-10-8899-0456
- Fax: +82-2-393-0580

## Important Dates

Registration Due: August 31, 2012

Guest house (Allen hall and Sangnam business hall) Registration Due: August 31, 2012

**Official Language:** English

## Registration

Application for registration should be sent in writing or by e-mail with a sample of form to the secretariat no later than August 31, 2012

## FEES

Member of Korea Society Head and Neck Surgery participated: 50,000 KRW (Credit transfer to the following bank account/ on-site 100,000KRW)

“Woori Bank 1005-601-800462 The Korean Society of Head and Neck Surgery”

Non Member participated: 150USD/ on-site 200USD

## CANCELLATION

Cancellation should be made in writing to the Meeting office.

## Registration for Hands-on Workshop

Hands-on workshop is available for 2 Korean physicians and 2 international physicians only.

It will be advanced course on cadaver : 2,800 USD

Only who completed the basic course on animal model can apply for the advanced course on cadaver.

Every surgeon who complete Hands-on Workshop will receive “the Intuitive Certificate of ‘Console Surgeon’”.

## Access Information

Severance Hospital, Yonsei University, Seoul, Korea

### From the Incheon Int’l Airport

#### **AIRPORT LIMOUSINE BUS (STANDARD)**

We strongly recommend taking the airport limousine bus from the airport to Sinchon Subway Station, or alternatively, to Kyongbok Palace; then take a taxi via Yonsei’s East Gate to Allen Hall (Guest House) or Sangnam business hall.

**Bus No. 6011.**

(<http://www.airportlimousine.co.kr/route/routee04.htm>)

Before you arrive, please verify the location of Allen Hall (Guest House) or your destination on the Sinchon Campus map available at (<http://www.yonsei.kr/eng/about/visitors/maps/>). Allen House is **number 70** and Sangnam business hall is **number 69** on the map Print a copy of the map to show the taxi driver.

#### **TAXI**

If you take a regular taxi (Il-Bahn-Taxi) that is not black, it will cost approximately 60,000 KRW to go directly from the airport to Yonsei University.

If you take a deluxe taxi (Mo-Boem-Taxi), which is black in color, as well as more spacious and comfortable, it will cost about 75,000 KRW.

The taxi fare may vary depending on traffic.

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# Agenda

Organized by 1. The Korean Society of Head and Neck Surgery  
2. Department of Otorhinolaryngology, Yonsei University College of Medicine

## DAY 02 2012-10-06

09:00-09:10 Congratulatory Remarks

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Min Shik Kim, M.D. Young Mo Kim, M.D. Kwang-Yoon Jung, M.D.  
Kyung Tae, M.D. Se-Heon Kim, M.D. Chen-Chi Wang, M.D.

18:00 Adjourn

## DAY 01 2012-10-05

### TORS Hands-on workshop

Gregory S. Weinstein, M.D., Se-Heon Kim, M.D.

09:00-17:00 Surgical techniques with da Vinci Robotic System  
1. Supraglottic laryngectomy  
2. Hypopharyngectomy  
3. Lateral oropharyngectomy  
4. BOT resection