

## Curriculum Vitae



**Name:** Seong Yi, M.D., Ph.D.  
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**Current Position and affiliation:**

Professor, Department of Neurosurgery, Yonsei University, College of Medicine,  
Seoul, Korea

Director, YUMC Korea Surgical Robot Training Center

Director, Robotic spine surgery committee, Korea Neurosurgical Spine society  
(KSNS)

Executive Committee, Asia Pacific Cervical Spine Society (APCSS)

Director, Korea Minimally Invasive Spine surgery society (KOMISS)

Former President, Korea Unilateral Biportal Endoscope (UBE) research society

## 현재 소속 및 직위 (한글)

교수

연세대학교 의과대학 신경외과학교실

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이사 (위원장), 대한 척추신경외과학회, 로봇수술위원회

이사, 아시아-태평양 경추 연구회(Asia Pacific Cervical Spine Society, APCSS)

이사, 대한최소침습척추학회

전 회장, 한국 Unilateral Biportal Endoscope (UBE) 연구회

학술이사, ISASS AP 2023

## 교육

1996 연세대학교 의과대학 의학과, 학사

2003 연세대학교 대학원 의학과, 석사

2008 연세대학교 대학원 의학과, 박사

## **Professional Interests**

Spine surgery  
Robot development and innovation in Spine Surgery  
Cervical artificial disc & device development  
Minimally invasive spinal surgery (MIS)  
    Endoscopic spine surgery  
    MIS lumbar & thoracic fusion  
    Robotic spinal surgery (in the pioneer days)  
Spinal cord tumor, Intramedullary  
Brain and cognitive engineering  
    Neural prosthesis  
    Brain computer interface  
Radiosurgery of brain and spine, Cyberknife

## **Education:**

1990.3.1-1996.2.26 M.D., College of medicine, Yonsei University, Seoul, Korea.  
1999.9.1-2003.8.29 Master Course, Graduate school, Yonsei University.  
    ; Comparison of clinical outcome between various fusion techniques for degenerative lumbar disc disease with osteoporosis  
2004.3.1-2008.2.25 Doctorate Course, Graduate school, Yonsei University.  
    ; The characteristics of cytokines expressed after human bone marrow stromal cell transplantation in spinal cord injured rats.  
2012.3.1~ (admission) Doctorate Course, Graduate school, Korea University  
    ; Brain and cognitive engineering, Brain computer interface.

## **Clinical Training:**

1996.3-1997.2 Internship, Severance Hospital, Seoul, Korea.  
1997.3-2001.2 Residency in Neurosurgery, Severance Hospital, Seoul, Korea.

2004.3-2006.2 Clinical fellowship in Spinal Neurosurgery, Severance Hospital, Seoul, Korea.

### **Academic Appointments:**

2004.3-2006.2 Clinical fellowship in Spinal Neurosurgery, Severance Hospital, Seoul, Korea.

2006.2-2007.6 Clinical Assistant professor, department of neurosurgery, Yonsei university, college of medicine

2007.7-2008.2 Spinal neurosurgeon, department of neurosurgery, Yonsei university, college of medicine

2008.3-2014.2 Assistant professor, department of neurosurgery, Yonsei university, college of medicine

2012.8-2014.7 Visiting assistant professor, Department of Neurosurgery Stanford University Medical Center

2014.3-2019.2 Associate professor, department of neurosurgery, Yonsei university, college of medicine

2019.3-present Professor, department of neurosurgery, Yonsei university, college of medicine

### **Professional Society Involvement**

1996- Korean medical association (KMA)

1997- The Korean Neurosurgical Society

2004- The Korean spinal neurosurgery society

2007- The Asian-Pacific Cervical Spine Society (APCSS)

2008- The Korean Spine Arthroplasty Society (KoSAS)

2008- The International Society for the Advancement of Spine Surgery (ISASS)

2008- The Korean Minimally invasive spine surgery (KOMISS)

2008- Korean American Spine Surgery (KASS)

2011- North American Spine Society (NASS)

2014- The Radiosurgery Society (RSS)

- 2014- The Cureus, Editorial board in Neurological surgery  
<http://www.cureus.com>
- 2018- President (2018-2020) Korea Unilateral Biportal Endoscope (UBE)  
research society
- 2021- Secretary general, Society for Minimally Invasive Spine Surgery,  
Asia Pacific (SMISS AP)

### **Bibliography**

<https://ir.ymlib.yonsei.ac.kr/researcher-profile?ep=3165>  
[https://yhrn.yonsei.ac.kr/Search/Result.aspx?search\\_field=Expert&search\\_word=  
&targetFd=Expert&mode=view&seq=17534](https://yhrn.yonsei.ac.kr/Search/Result.aspx?search_field=Expert&search_word=&targetFd=Expert&mode=view&seq=17534)

### **Awards and Honors**

2006. Best Paper (Uh Jeong Hyun) Award, The Korean Neurosurgical Society.
2007. Best Research Paper (Lami) Award, The Korean Spinal Neurosurgery  
Society.
2022. Ministerial Citation, Ministry of Health and Welfare.