

# CURRICULUM VITAE



**Name: Young San Ko**

## **Personal Information**

Business Address

Keimyung University Dongsan Hospital

1035, Dalgubeol-daero, Dalseo-gu, Daegu, Republic of Korea

## **Affiliation**

Assistant professor, Spine, Department of Neurosurgery,

Keimyung University Dongsan Hospital

## **Education**

2006-2007 Bachelor, Keimyung University College of Medicine

2007-2008 Marine, Republic of Korea Marine Corps

2008-2013 Bachelor, Keimyung University College of Medicine

2018-2020 Master of Science, Seoul National University College of Medicine

## **Medical Training**

2014 - 2015 Internship, Asan medical center

2015 - 2018 Resident, Department of Neurosurgery, Seoul National University Hospital

2019 -2021 Clinical fellow, Department of Neurosurgery, Seoul National University Hospital

## **Board Certification**

2013 Korean Board of Medical doctor

ECFMG certification acquisition(USMLE)

2019 Korean Board of Neurosurgery

## **Subspecialty / Academic Interest**

Spinal neurosurgery

### Awards

- 2017            The 1<sup>st</sup> place of the intermediate assessment test for the neurosurgical resident examination
- 2017            Excellent Presentation Award in resident session, 57<sup>th</sup> KNS meeting
- 2018            Best paper award in Korean society of peripheral nervous system, 10<sup>th</sup> meeting

### Research Activities (as 1<sup>st</sup> author)

#### Research Activities (as 1<sup>st</sup> author)

1. **YS Ko**, HJ Yang, SB Park, YJ Son, KM Kim, SH Lee, YS Chung. Carpal Tunnel in elderly patients. The nerve. 2018 4(2):43-7. doi: 10.21129/nerve.2018.4.2.43. Epub 2018 Oct 24..
2. **YS Ko**, HS Gwak, EY Park, JN Joo, YJ Lee, SH Lee, JW Kwon, SH Shin, H Yoo. Association of MRI findings with clinical characteristics and prognosis in patients with leptomeningeal carcinomatosis from non-small cell lung cancer. J Neurooncol. 2019 May 14. doi: 10.1007/s11060-019-03190-3) Epub 2019 May 14. PubMed PMID: 31089925
3. Cho, Hyun-Jae<sup>\*</sup>; **Ko, Young San MD<sup>†</sup>**; Won, Young Il MD<sup>†</sup>; Lee, Chang-Hyun MD, MScThe Efficacy of Lumbar Hybrid Fusion for the Prevention of Adjacent Segment Disease, Clinical Spine Surgery: October 09, 2020 - Volume Publish Ahead of Print - Issue - doi: 10.1097/BSD.0000000000001097
4. Jung JM, Chung CK, Kim CH, Yang SH, **Ko YS**. Prognosis of Symptomatic Pseudarthrosis Observed at 1 Year After Lateral Lumbar Interbody Fusion. Spine (Phila Pa 1976). 2021 Sep 15;46(18):E1006-E1013. doi: 10.1097/BRS.0000000000003980. PMID: 33534522.
5. Yang SH, Kim CH, Lee CH, **Ko YS**, Won Y, Chung CK. C7 Fracture as a Complication of C7 Dome-Like Laminectomy : Impact on Clinical and Radiological Outcomes and Evaluation of the Risk Factors. J Korean Neurosurg Soc. 2021 Jul;64(4):575-584. doi: 10.3340/jkns.2021.0024. Epub 2021 Jun 29. PMID: 34185984; PMCID: PMC8273780.
6. Jung JM, Chung CK, Kim CH, Yang SH, **Ko YS**, Choi Y. Intraoperative Radiographs in Single-level Lateral Lumbar Interbody Fusion Can Predict

Radiographic and Clinical Outcomes of Follow-up 2 Years After Surgery. *Spine (Phila Pa 1976)*. 2021 Jun 1;46(11):772-780. doi: 10.1097/BRS.0000000000003889. PMID: 33337681.

7. **고용산**, 원영일, 김치현, 양승헌, 정천기 Surgical Technique for Simultaneous Oblique Lumbar Interbody Fusion with O-arm Based Spinal Navigation (OLIF-360) and Percutaneous Pedicle Screw Fixation in Patients with Spondylolisthesis Grade II  
**Journal of Advanced Spine Surgery** 2021 년 11 권 1 호 p.38 ~ 44
8. Kim, D. H., Lee, C. H., **San Ko, Y.**, Yang, S. H., Kim, C. H., Park, S. B., & Chung, C. K. (2019). The clinical implications and complications of anterior versus posterior surgery for multilevel cervical ossification of the posterior longitudinal ligament; an updated systematic review and meta-analysis. *Neurospine*, 16(3), 530.
9. Jung, J. M., Chung, C. K., Kim, C. H., Yang, S. H., & **Ko, Y. S.** (2022). The modified 11-item frailty index and postoperative outcomes in patients undergoing lateral lumbar interbody fusion. *Spine*, 47(5), 396-404.
10. Lee, C. H., Won, Y. I., **San Ko, Y.**, Yang, S. H., Kim, C. H., Park, S. B., & Chung, C. K. (2020). Posterior-only versus combined anterior-posterior fusion in Scheuermann disease: a systematic review and meta-analysis. *Journal of Neurosurgery: Spine*, 34(4), 608-616.
11. Chang-Hyun Lee, Chi Heon Kim, Chun Kee Chung, Yunhee Choi, Min-Jung Kim, Dahae Yim, Seung Heon Yang, Dong Hwan Kim, **Young San Ko**, Sung Bae Park, Long-Term Effect of Diabetes on Reoperation After Lumbar Spinal Surgery: A Nationwide Population-Based Sample Cohort Study, *World Neurosurgery*, Volume 139,2020, Pages e439-e448,
12. Joe, W. H., Lee, C. Y., Kim, C. H., **San Ko, Y.**, Kim, S. P., & Kwon, S. M. (2023). Breast Cancer to Meningioma: A Rare Case of Tumor-to-Tumor Metastasis. *Brain Tumor Research and Treatment*, 11(1), 73-78
13. Kim, J. H., **Ko, Y. S.**, Kwon, S. M., Kim, C. H., & Lee, C. Y. (2022). Predictive Factors of Recurrence after Endovascular Treatment of Unruptured Vertebrobasilar Fusiform Aneurysms. *Clinical Neuroradiology*, 1-14

14. Woo, S. B., Lee, C. Y., Kim, C. H., **San Ko, Y.**, Kim, E., Shim, Y. J., ... & Kwon, S. M. (2022). Rapid-Growing Intracranial Immature Teratoma Presenting Obstructive Hydrocephalus and Abducens Nerve Palsy: A Case Report and Literature Review. *Brain Tumor Research and Treatment*, 10(2), 117.
15. **Ko, Y. S.**, Yang, H. J., Son, Y. J., Park, S. B., Lee, S. H., & Chung, Y. S. (2018). Delayed Trochlear Nerve Palsy Following Traumatic Subarachnoid Hemorrhage: Usefulness of High-Resolution Three Dimensional Magnetic Resonance Imaging and Unusual Course of the Nerve. *Korean journal of neurotrauma*, 14(2), 129-133
16. Woo, S. B., Lee, C. Y., Kim, C. H., Kwon, M. **Y.**, **San Ko, Y.**, Lee, J. H., ... & Kwon, S. M. (2022). Efficacy of 3D-printed simulation models of unruptured intracranial aneurysms in patient education and surgical simulation. *Journal of Cerebrovascular and Endovascular Neurosurgery*

#### **Book Publication**

Surgery of Spinal Cord Tumors Based on Anatomy, Springer (2020)

Author for Ch19. Anatomical compartment's representative tumor surgery and video

Core Techniques of Minimally Invasive Spine Surgery, Springer (2023), Part V  
Navigation Guided Spine  
Surgery