

## Curriculum Vitae

Name: Shin Dong-ah

Affiliation: Department of Neurosurgery, Shinchon Severance Hospital, Yonsei University College of Medicine

Brief history:

- Bachelor's degree at Yonsei University (1992-1998) Master's degree at Yonsei University (2000-2003) Doctorate at Yonsei University (2003-2009)
- Shinchon Severance Hospital trainee and resident (1999-2003)
- Neurosurgeon, Board Certified (2003)
- Department of Neurosurgery, Presbyterian Hospital (2004-2006)
- Assistant Professor, Department of Neurosurgery, CHA University (2007-2012)
- Adjunct Professor, Gwangju Institute of Science and Technology (2012-2014)
- Professor, Department of Neurosurgery, Yonsei University College of Medicine (2012-current)

Society activities:

- President of Korean Neurosurgery Digital Artificial Intelligence Convergence Research Association (2023-present)
- President of Korea Pain Intervention Research Association (2019-present, <https://www.korsis.or.kr>)
- General Secretary, Korea Pain Intervention Research Association (2016-2019)
- Academic Director, Korean Neuropain Society (2014-2020, <https://neuropain.or.kr>)
- Member of the Insurance Committee of the Korean Neuropathy Society (2020-present)
- Vice-Chair of the Korean Pain Research Society (2019-present)

- Member of the Publishing Committee of the Korean Society for Pain Research (2019-Present)
- Academic Director, Korean Pain Research Association (2018-2019)
- Vice Chairman, Insurance Committee, Korean Society of Spinal Neurosurgery (2018-2020)
- Member of Insurance Committee, Korean Society of Spinal Neurosurgery (2020-present)
- Research Director, Korean Society of Spinal Neurosurgery (2018-2020)
- Academician, Korean Society of Neurosurgery (2018-2020)
- Vice Chairman, Insurance Committee, Korean Society of Neurosurgery (2020-present)
- Korean Medical Society Clinical Practice Guideline Evaluation Committee (2015-present)
- Assessor of the Medical Practice Registration Department of the HIRA (2017-present)
- Special Committee on Damage Relief for Side Effects of Drugs (2019-present)
- Non-standing member of the Korea Medical Dispute Arbitration and Mediation Agency (2023-present)
- Expert advisory committee member for preliminary evaluation of nerve block surgery at Shimpyeongwon (2021-2022)
- Korean Medical Association MRI standard preparation expert advisory committee (2021-2022)
- Korean Medical Association medical material reimbursement expert advisory committee (2021- present)

Areas of Interest: minimally invasive spinal surgery, spinal intervention, nonsurgical treatment of the spine (<https://bit.ly/2WyVf3g>), artificial intelligence, finite element analysis, 3D printing (<https://bit.ly/2CMxueY>), medical device development (<https://bit.ly/2Ccs0ds>), chronic pain, intervertebral disc pain, spinal cord injury, history of neurosurgery

Specialized treatment methods: spine and spinal cord tumor removal, cervical artificial disc replacement, cervical anterior fusion, lumbar posterior fusion, OLIF surgery, surgical and non-surgical treatment, minimally invasive surgery, O-arm computerized surgery, endoscopic surgery, neuroplasty, balloon expansion neuroplasty, endoscopic neuroplasty, vertebroplasty, balloon vertebraeoplasty, chiropractic, intraspine surgery, spinous internode fixation

Writing History:

<https://bit.ly/2r6Gx88>

<https://bit.ly/33Vn3BK>



Awards:

- Academic Award (2023, Korean Society for Neurosurgery and Osteoporosis)
- Encouragement Award (2019.4, Korean Neuropain Society)
- Lami Kim Young-Soo Academic Award (2013.10, Korean Society of Spinal Neurosurgery)
- Korean Spinal Neurosurgery Academic Award (2010.10, Korean Society of Neurosurgery)
- Chung Hwan-Yeong Academic Award (2009.10, Korean Society of Neurosurgery)
- Medtronic Spine Award (2008 .09, Korean Society of Spinal Neurosurgery)
- 46th Neurosurgery Examination Senior Pass Award (2003.01, Korean Medical Association)
- 2017 Healthcare Big Data Utilization Entrepreneurship Idea Contest (2017.5.26, Health Insurance Review and Assessment Service)

Volunteer:

- Severance Hospital development donation payment (in progress)
- Cancer hospital development donation-pillar of light payment (completed)
- Medical school scholarship donation payment (in payment)
- Heart disease children charity donation payment (in payment)
- Science and Technology Without Borders donation payment (in payment)
- Good Neighbors donation payment (in progress)
- Sudan Children Scholarship Foundation donation payment (in progress)

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