CURRICULUM VITAE

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BUSINESS ADDRESS:

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PRESENT POSITION/HOSPITAL AFFILIATIONS:

2001-present:

Clinical Professor, Department of Orthopedic Surgery, Yonsei University, College of Medicine, Seoul, South Korea.

Attending Physician, Spine Service, Department of Orthopedic Surgery, National Health Insurance Service Ilsan Hospital, Goyang, South Korea.

EDUCATION:

1987-1993: MD, Yonsei University, College of Medicine, Wonju, South Korea

POSTDOCTORAL TRAINING:

1993-1994: Intern in Medicine, Wonju Severance Christian Hospital, Yonsei University College of Medicine, Wonju, South Korea.

1994-1998: Residency in Orthopedic Surgery, Wonju Severance Christian Hospital, Yonsei University College of Medicine, Wonju, South Korea.

2004: Visiting Research Scholar in Minimally Invasive Spine Surgery, University of Tennessee, Semmes-Murphey Clinic, Memphis, TN, USA.

2007-2008: Visiting Research Scholar in Cervical Spine Surgery, Washington University, Barnes-Jewish Hospital, St. Louis, MO, USA.

LICENSURE AND BOARD CERTIFICATIONS:

3/16/1998: Diploma of the Board, Korean Board of Orthopedic Surgery, Certificate.

1994-present: Medical License Registration #MD 49418.

PROFESSIONAL MEMBERSHIPS:

Korean Medical Association

Korean Orthopedic Association

Korean Society of Spine Surgery

Pacific Asian Society of Minimally Invasive Spine Surgery (PASMISS)

Korean Society for the Advancement of Spine Surgery (KOSASS)

Cervical Spine Research Society (CSRS)

Cervical Spine Research Society – AP

The Society for Minimally Invasive Spine Surgery (SMISS)

AO Spine

AWARDS

2007; Scientific Paper Award from Korean Orthopedic Association: Comparison of One-Level Posterior Lumbar Interbody Fusion Performed with a Minimally Invasive Approach or a Traditional Open Approach. Spine. 2007;32:537-543.

PRESENTATIONS:

Decompression of Lumbar Spine with Minimally Invasive Tubular Retractor

- The 4th Pacific Asian Society of Minimally Invasive Spine Surgery, Podium presentation; Jeju, South Korea, 2004.

- The 48th Annual Fall Congress of the Korean Orthopedic Association, Podium presentation; Seoul, South Korea, 2004.

Minimally Invasive Posterior Lumbar Interbody Fusion combined with Percutaneous Pedicle Screw Fixation

- The 4th Pacific Asian Society of Minimally Invasive Spine Surgery, Podium presentation; Jeju, South Korea, 2004.

- The 48th Annual Fall Congress of the Korean Orthopedic Association, Podium presentation; Seoul, South Korea, 2004.

Minimally Invasive Posterior Foraminotomy using Tubular Retractor for Unilateral Cervical Radiculopathy

- The 22nd Annual Spring Congress of the Korean Society of Spine Surgery, Podium presentation; Daegu, South Korea, 2005.

Early Clinical Experience of Minimally Invasive Percutaneous Posterior Lumbar Interbody Fusion

- The 22nd Annual Spring Congress of the Korean Society of Spine Surgery, Poster Exhibit; 2005.

Early Clinical Experience of Minimally Access Spinal Technologies (MAST) Posterior Lumbar Interbody Fusion

- The Korean Medical Education & Research Institute (MERI) Course; Memphis, TN, USA, 2005.

Comparison of One-Level Posterior Lumbar Interbody Fusion Performed with a Minimally Invasive Approach or a Traditional Open Approach

-The 6th Pacific Asian Society of Minimally Invasive Spine Surgery, Podium presentation; Taiwan, 2006.

Pro-Con debate; One-level cervical radiculopathy: Posterior Cervical Foraminotomy

- The 24th Annual Spring Congress of the Korean Society of Spine Surgery, Podium presentation; 2007.

Comparison of One-Level Posterior Lumbar Interbody Fusion Performed with a

Minimally Invasive Approach or a Traditional Open Approach

-The 34th Annual Meeting of the International Society for the Study of the Lumbar Spine, Poster Exhibit; Hong Kong, China, 2007.

Posterior Lumbar Interbody Fusion: PLIF/TLIF

- The Korean Medical Education & Research Institute (MERI) Course; Memphis, TN, USA, 2008.

Multi-level surgical reconstruction for the treatment of postlaminectomy cervical kyphosis with pre-and post-operative outcome data

-The 23rd annual North American Spine Society meeting, Podium presentation; Toronto, Ontario, Canada, 2008.

Posterior Cervical Decompression and Fusion

- The Korean Medical Education & Research Institute (MERI) Course, Podium presentation; Memphis, TN, USA, 2009.

Minimally Invasive Transforaminal Lumbar Interbody Fusion

- The Korean Medical Education & Research Institute (MERI) Course, Podium presentation; Memphis, TN, USA, 2009.

Comparison of Anterior Cervical Fusion Following 2-Level Discectomy or Single-Level Corpectomy: Sagittal Alignment, Cervical Lordosis, Graft Collapse, and Adjacent-Level Ossification

-2009 Annual meeting of American Academy of Orthopedic Surgeons, Podium presentation; Las Vegas, Nevada, USA, 2009.

-The 24th annual meeting of North American Spine Society, Podium presentation; San Francisco, CA, USA, 2009.

-The 1st annual meeting of Cervical Spine Research Society-AP, Poster presentation;

Kobe, Japan, 2010.

The Effect of Radiographic Solid Fusion on Clinical Outcome after Minimally Invasive Transforaminal Lumbar Interbody Fusion
- The 37th Annual Meeting of the International Society for the Study of the Lumbar Spine, Poster presentation; Auckland, New Zealand, 2010.

- The 28th Annual Spring Congress of the Korean Society of Spine Surgery, Podium presentation; Busan, South Korea, 2011.

- 2011 Annual meeting of Society for Minimally Invasive Spine Surgery, Podium presentation; Las Vegas, NV, USA, October 21-23, 2011.

The Optimal Indications and Treatment Results of Minimally Invasive Transforaminal Lumbar Interbody Fusion
- The 37th Annual Meeting of the International Society for the Study of the Lumbar Spine, Poster presentation; Auckland, New Zealand, 2010.

Percutaneous Placement of Pedicle Screws in Overweight and Obese Patients
- The 27th Annual Spring Congress of the Korean Society of Spine Surgery, Podium presentation; Muju, South Korea, 2010.

- 2011 Annual meeting of Society for Minimally Invasive Spine Surgery, Poster presentation; Las Vegas, NV, USA, October 21-23, 2011.

- Spine week 2012, The 38th Annual meeting of the International Society for the Study of the Lumbar Spine, Poster presentation; Amsterdam, Netherland, 2012.

Cranial Facet Joint Violations by Percutaneously Placed Pedicle Screws Adjacent to a Minimally Invasive Lumbar Spinal Fusion
- The 27th Annual Fall Congress of the Korean Society of Spine Surgery, Podium

presentation; Seoul, South Korea, 2010.

- 2011 Annual meeting of Society for Minimally Invasive Spine Surgery, Podium presentation; Las Vegas, NV, USA, October 21-23, 2011.

- Spine week 2012, The 38th Annual meeting of the International Society for the Study of the Lumbar Spine, Podium presentation; Amsterdam, Netherland, 2012.

Surgical Experiences of Minimally Invasive Transforaminal Lumbar interbody fusion

- The 13th Annual Meeting of the Japanese Society for the Study of Endoscopic & Minimally Invasive Spine Surgery (JESMISS), Luncheon Seminar lecture; Kobe, Japan, 2010.

The Long-term Results of Anterior Surgical Reconstruction in Patients with Postlaminectomy Cervical Kyphosis

- The 2nd annual meeting of Cervical Spine Research Society-AP, Podium presentation; Busan, South Korea, 2011.

The Surgical Approach to the Cervicothoracic Junction: Can a Standard Smith-Robinson Approach be Utilized?

- The 2nd Annual Meeting of Cervical Spine Research Society-AP, Podium presentation; Busan, South Korea, 2011.

Long-Term Results of Minimally Invasive Transforaminal Lumbar Interbody Fusion

- The 29th Annual Fall Congress of the Korean Society of Spine Surgery, Symposium presentation; Seoul, South Korea, 2011.

Clinical experience of minimally invasive transforaminal lumbar interbody fusion

- Hebei 3rd Hospital National Orthopedic Conference, Invited Lecture, Podium presentation; Shijiazhuang, China, April 14, 2012.

Minimally Invasive Transforaminal Lumbar Interbody Fusion for Spondylolisthesis and Degenerative Spondylosis: 5-Year Results

- The 13th Pacific Asian Society of Minimally Invasive Spine Surgery, Podium presentation; Japan, 2013.

Ect.

PUBLICATIONS:

1. Park Y, Ha JW, Oh HC, Yoo JH, Lee YT, Lee DH, Choi CJ. **Minimally Invasive Lumbar Microdiscectomy using Tubular Retractor.** J Korean Orthop Assoc. 2005;40:679-685.

2. Park Y, Ha JW, Sung SY, Oh HC, Yoo JH, Lee YT. **Minimally Invasive Posterior Lumbar Interbody Fusion.** J Korean Orthop Assoc. 2006;41:288-296.

3. Park Y, Ha JW. **Comparison of One-Level Posterior Lumbar Interbody Fusion Performed with a Minimally Invasive Approach or a Traditional Open Approach.** Spine. 2007;32:537-543.

4. Ha JW, Park Y, Kim SK, Coi YJ, Joo SH. **Intradural Extramedullary Metastasis to Lumbar Spinal Nerve of Cholangiocarcinoma: A Case Report.** J Korean Soc Spine Surg. 2009;16:138-141.

5. Park Y, Maeda T, Cho W, Riew KD. **Comparison of Anterior Cervical Fusion Following 2-Level Discectomy or Single-Level Corpectomy: Sagittal Alignment, Cervical Lordosis, Graft Collapse, and Adjacent-Level Ossification.** Spine J. 2010;10:193-199.

6. Park Y, Riew KD, Cho W. **The Long-term Results of Anterior Surgical Reconstruction in Patients with Postlaminectomy Cervical Kyphosis.** Spine J.

2010;10:380-387.

7. Park Y, Ha JW, Lee YT, Sung NY. **The Effect of a Radiographic Solid Fusion on Clinical Outcome after Minimally Invasive Transforaminal Lumbar Interbody Fusion.** Spine J. 2011;11:205-212.

8. Park Y, Ha JW, Lee YT, Sung NY. **Cranial Facet Joint Violations by Percutaneously Placed Pedicle Screws Adjacent to a Minimally Invasive Lumbar Spinal Fusion.** Spine J. 2011;11:295-302.

9. Park Y. **Protecting Cranial Facet Joint during Percutaneous Pedicle Screw Placement – Technical Report.** J Advanced Spine Surg. 2011;1:38-41.

10. Park Y, Ha JW, Lee YT, Sung NY. **Percutaneous Placement of Pedicle Screws in Overweight and Obese Patients.** Spine J. 2011;11:919-924.

11. Park Y, Ha JW, Lee YT, Oh HC, Yoo JH, Kim HB. **Surgical Outcomes of Minimally Invasive Transforaminal Lumbar Interbody Fusion for the Treatment of Spondylolisthesis and Degenerative Segmental Instability.** Asian Spine J. 2011;5:228-236.

12. Park Y, Kim HB, Jeon SW, Lee YT, Yoo JH, Oh HC, Ha JW, Sung SY, Yoon HK. **The Inferior Accessory Ossicle of the Anterior Arch of the Atlas Misdiagnosed as Anterior Arch Fracture: A Case Report.** J Korean Soc Spine Surg. 2012;19(1):16-19.

13. Cho W, Buchowski JM, Park Y, Maeda T, Nabb CE, Riew KD. **The Surgical Approach to the Cervicothoracic Junction: Can a Standard Smith-Robinson Approach be Utilized?** J Spinal Disord Tech. 2012;25:264-267.

14. Cho W, Maeda T, Park Y, Buchowski JM, Nabb CE, Riew KD. **The Incidence of**

Bifid C7 Spinous Processes. Global Spine J. 2012;02:99-104.

15. Park Y, Kim SM, Lee YT, Yoo JH, Oh HC, Ha JW, Sung SY, Yoon HK, Chang JH, Jung JY. **Congenital Anomalies of the Atlas were Misdiagnosed as Posterior Arch Fracture of the Atlas and Atlantoaxial Subluxation**. Clin Orthop Surg. 2014 Mar;6(1):96-100.

16. Park Y, Ha JW, Lee YT, Sung NY. **Minimally Invasive Transforaminal Lumbar Interbody Fusion for Spondylolisthesis and Degenerative Spondylosis: 5-Year Results.** Clin Orthop Relat Res. 2014;472:1813-1823.

17. Park Y, Lee SB, Seok SO, Jo BW, Ha JW. **Perioperative Surgical Complications and Learning Curve Associated with Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Single-Institute Experience**. Clin Orthop Surg. 2015 Mar;7(1):91-96.

18. Ha JW, Lee SB, Lee YT, Yoo JH, Oh HC, Yoon HK, Park SH, Kim SH, Park Y. **Thoracic epidural cavernous hemangioma.** J Korean Orthop Assoc. 2015;50:165-169.

19. Park Y, Park SJ, Hong JY, Koo KH. **Surgical Strategies for Successful Minimally Invasive Transforaminal Lumbar Interbody Fusion.** J Korean Spine Surg. 2016;23(4):251-261.

20. Park Y, Ko MS, Kam JH, Lee SH, Lee YT, Yoo JH, Oh HC, Ha JW. **Traumatic Lumbar Plexopathy by Seat Belt Injury.** J Korean Spine Surg. 2017;24(1):39-43.

21. Park Y, Seok SO, Lee SB, and Ha JW. **Minimally Invasive Lumbar Spinal Fusion Is More Effective Than Open Fusion: A Meta-Analysis**. Yonsei Med J. 2018;59(4):524-538.

22. Chang MY, Park Y, Ha JW, Zhang HY, Lee SH, Hong TH, and Lee SH. **Paraspinal Lean Muscle Mass Measurement Using Spine MRI as a Predictor of Adjacent**

Segment Disease After Lumbar Fusion: A Propensity Score-Matched Case-Control Analysis. AJR. 2019;212:1310-1317.

23. Lee SB, Kwon JW, Kim SH, Ha JW, and Park Y. **Tubular microdiscectomy for the treatment of herniated lumbar disc.** J Advanced Spine Surg. 2019;1:1-6.

24. Park Y, Ha JW, Kie JH, and Hong SP. **Osteochondroma at the cervicothoracic junction.** J Korean Orthop Assoc. 2019;54:562-566.

25. Ji-Won Kwon, M.D., Byung Ho Lee, M.D., Hyunkyo Kim, M.D., Sahyun Sung, M.D., Soo-Bin Lee, M.D., Joong-Won Ha, M.D., Kyung-Soo Suk, M.D., Seong-Hwan Moon, M.D., Hak-Sun Kim, M.D., Hwan-Mo Lee, M.D., Yung Park, M.D. **Association of Paraspinal Muscle Mass to Oswestry Disability Index in Patients with Lumbar Spondylolisthesis.** J Advanced Spine Surg. 2020;1:1-6.

26. Min-Yung Chang1Seung Hyun Lee1Joong Won Ha2Yung Park2Ho-Yeol Zhang3Sang Hoon Lee3**. Predicting Bone Marrow Edema and Fracture Age in Vertebral Fragility Fractures Using MDCT.** *AJR* 2020; 215:1–8

27. Ji-Won Kwon, MD, Joong-Won Ha, MD, Tae-Sung Lee, MD, Seong-Hwan Moon, MD, Hwan-Mo Lee, MD, Yung Park, MD, **Comparison of the Prevalence of Low Back Pain and Related Spinal Diseases among Smokers and Nonsmokers: Using Korean National Health Insurance Database.** Clin Orthop Surg. 2020;12(2):200-208.

28. Hyun Cheol Oh, M.D., Ju Hyung Yoo, M.D., Joong Won Ha, M.D., Yung Park, M.D., Sang Hoon Park, M.D., and Han Kook Yoon, M.D. **Effect of Postoperative Parathyroid Hormone Administration on Osteoporotic Intertrochanteric Fractures of Females.** J Korean Orthop Assoc. 2020;55(3):237-243.

29. Lee SB, Park Y, Kim DW, Kwon JW, Ha JW, Yang JH, Lee BH, Suk KS, Moon SH, Kim HS, Lee HM. **Association between mortality risk and the number, location,**

and sequence of subsequent fractures in older people. Osteoporos Int. 2020 August 20 Published online. https://doi.org/10.1007/s00198-020-05602-x

30. Kwon JW, Kim JG, Ha JW, Moon SH, Lee HM, Park Y. **Early failure of cortical-bone screw fixation in the lumbar spinal stenosis**. J Korean Orthop Assoc 2020;55:405-410.

31. Sahyun Sung, MDa,b, Byung Ho Lee, MD, Ph.D., Jung-Hwan Kim, MDa, Yung Park, MDc, Joong Won Ha, MDc, Seong-Hwan Moon, MD, Ph.D., Hwan-Mo Lee, MD, Ph.D., Ji-Won Kwon, MDa,c,∗ **Emphysematous osteomyelitis of the spine. A rare case report**. Medicine (2020) 99:28.

32. Yung Park, M.D., Joong Won Ha, M.D. , Ji-Won Kwon, M.D., and Kwangsik Eum, M.D. **Acute Low Back Pain from Coexisting Gout and Tuberculous Spondyloarthropathy.** J Korean Orthop Assoc 2021; 56: 351-356.

33. Ji-Won Kwon 1, Soo-Bin Lee 2, Sahyun Sung 3, Yung Park 4, Joong-Won Ha 4, Gihun Kim 1, Kyung-Soo Suk 1, Hak-Sun Kim 1, Hwan-Mo Lee 1, Seong-Hwan Moon 1 and Byung Ho Lee 1,* **Which Factors Affect the Stress of Intraoperative Orthopedic Surgeons by Using Electroencephalography Signals and Heart Rate Variability?** Sensors 2021,21, 4016. https://doi.org/10.3390/s21124016.

34. Hyun Cheol Oh, M.D., Joong Won Ha, M.D., Yung Park, M.D., Sang Hoon Park, M.D., Han Kook Yoon, M.D. **Comparison of Reductions of Left and Right Proximal Portions of Intertrochanteric Fractures Treated by Intramedullary Nailing**. J Korean Fract Soc 2021;34(2):64-70.

35. Ji-Won Kwon, MD,a Yung Park, MD,a,b Byung Ho Lee, MD,a So Ra Yoon, PhD,c Joong-Won Ha, MD,a,b, Hyunkyo Kim, MD,a Kyung-Soo Suk, MD,a Seong-Hwan Moon, MD,a Hak-Sun Kim, MD,a, and Hwan-Mo Lee, MDa. **Ten-Year Outcomes of Minimally Invasive Versus Open Transforaminal Lumbar Interbody Fusion**

in Patients With Single-Level Lumbar Spondylolisthesis. Spine 2022;47:773–780.

36. Tae Yang Choi· Min-Yung Chang · Seung Hyun Lee · Yung Park· Joong Won Ha · Jin Hyun Park. **Differences in time-to-fusion based on "absence of peri-graft radiolucency" and "trabecular bone bridging" criteria after transforaminal lumbar interbody fusion in patients with low and normal bone density.** Skeletal Radiology. 2022;29:October. https://doi.org/10.1007/s00256-022-04219-x.