

CURRICULUM VITAE

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Education:

Ph.D. (2009.09.01 – 2012.08.31)

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M.S. (2006.03.01 – 2008.02.28)

Department of Radiology, Ewha Womans University College of Medicine, Seoul,
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M.D. (1996.03.01 – 2003.02.28)

Ewha Womans University, College of Medicine, Seoul, Korea

WORK EXPERIENCE:

Professor (Mar 2024 – present)

Section of Musculoskeletal Imaging, Department of Radiology, Chung-Ang University
Gwangmyeong Hospital, Chung-Ang University College of Medicine, Seoul, Korea

Associate Professor (Mar 2022 – present)

Section of Musculoskeletal Imaging, Department of Radiology, Chung-Ang University
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Visiting Professor (Mar 2021 – Feb 2022)

Department of Bio and Brain Engineering, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea.

Associate Professor (Mar 2020 – Feb 2022)

Section of Musculoskeletal Imaging, Department of Radiology, Chung-Ang University Hospital, Chung-Ang University College of Medicine, Seoul, Korea

Assistant Professor (Mar 2017 – Feb 2020)

Section of Musculoskeletal Imaging, Department of Radiology, Chung-Ang University Hospital, Chung-Ang University College of Medicine, Seoul, Korea

Clinical Associate Professor (Mar 2016 – Feb 2017)

Section of Musculoskeletal Imaging, Department of Radiology, Chung-Ang University Hospital, Seoul, Korea

Clinical Assistant Professor (Mar 2015 – Feb 2016)

Section of Musculoskeletal Imaging, Department of Radiology, Chung-Ang University Hospital, Seoul, Korea

Clinical Assistant Professor (Mar 2011 – Feb 2015)

Section of Musculoskeletal Imaging & Spine Pain Intervention, Department of Radiology, Seoul National University Bundang Hospital, Gyeonggi-do, Korea

Fellowship (Mar 2009 – Feb 2011)

Section of Musculoskeletal Imaging, Department of Radiology, Korea University Ansan Hospital, Gyeonggi-do, Korea

Fellowship (Mar 2008 – Feb 2009)

Section of Musculoskeletal Imaging & Spine Pain Intervention, Department of Radiology, Seoul National University Bundang Hospital, Gyeonggi-do, Korea

Residency (Mar 2004 – Feb 2008)

Department of Radiology, Ewha Womans University Mokdong Hospital, Seoul, Korea

Internship (Mar 2003 – Feb 2004)

Catholic University Medical Center, Seoul, Korea

Institutional Committee Activities:

- Member, Korean Society of Radiology
- Member, Korean Society of Musculoskeletal Radiology
- Member, Korean Society of Ultrasound in Medicine
- Member, Korean Society of Pain and Spine Radiology

Articles

[1. Attention fusion network with self-supervised learning for staging of osteonecrosis of the femoral head \(ONFH\) using multiple MR protocols.](#)

Kim B, **Lee GY**, Park SH. Med Phys. 2023 Mar 21. doi: 10.1002/mp.16380. Online ahead of print.

[2. Comparison between 2D TSE and 3D SPACE in the evaluation of craniocervical ligaments.](#)

Chung BM, Kim S, Yim Y, **Lee GY**. Eur Spine J. 2023 Jan;32(1):361-367. doi: 10.1007/s00586-022-07459-6. Epub 2022 Dec 7.

[3. Hip MR arthrography using normal saline is less accurate than using a gadolinium-based contrast agent.](#)

Lee GY, Kim S, Ha YC. Arthroscopy. 2023 Apr;39(4):990-997. doi: 10.1016/j.arthro.2022.10.036. Epub 2022 Nov 9.

[4. Evaluation of the efficacy and safety of epidural steroid injection using a nonparticulate steroid, dexamethasone or betamethasone: a double-blind, randomized, crossover, clinical trial.](#)

Lee GY, Lee JW, Lee E, Yeom JS, Kim KJ, Shin HI, Kang HS. Korean J Pain. 2022 Jul 1;35(3):336-344. doi: 10.3344/kjp.2022.35.3.336.

[5. Prevalence, Clinical Implication, and Cause of Spine Hip Discordance in Elderly Patients with Fragility Hip Fracture.](#)

Lee KH, Park JW, Kim S, **Lee GY**, Park SB, Yang DB, Ha YC. J Bone Metab. 2022 Feb;29(1):51-57. doi: 10.11005/jbm.2022.29.1.51. Epub 2022 Feb 28.

[6. Diagnosing ulnar neuropathy at the elbow on MRI: importance of the longitudinal extent of the hyperintense ulnar nerve.](#)

Kim S, Chung BM, Kim WT, **Lee GY**, Hur J, Kim JH, Lee Y. Skeletal Radiol. 2022 Jul;51(7):1473-1481. doi: 10.1007/s00256-022-03990-1. Epub 2022 Jan 14.

[7. A Fibroma of Tendon Sheath Causing Carpal Tunnel Syndrome: A Case Report of an Atypical Clinical Presentation](#)

Ko A, **Lee GY**, Kim S, Lee J, Hwang HW. J Korean Soc Radiol. 2021 Nov;82(6):1600-1605. Published online October 18, 2021. <https://doi.org/10.3348/jksr.2020.0151>

[8. MR Imaging Characteristics of Primary T-Cell Lymphoma of the Cauda Equina: A Case Report and Literature Review](#)

Kim Y, **Lee GY**, Kim S, Song KS, Kim HS. J Korean Soc Radiol. 2021 Nov;82(6):1613-1618. Published online October 18, 2021. <https://doi.org/10.3348/jksr.2020.0195>

[9. Method for Diagnosing the Bone Marrow Edema of Sacroiliac Joint in Patients with Axial Spondyloarthritis Using Magnetic Resonance Image Analysis Based on Deep Learning.](#)

Lee KH, Choi ST, **Lee GY**, Ha YJ, Choi SI. Diagnostics (Basel). 2021 Jun 24;11(7):1156. doi: 10.3390/diagnostics11071156.

[10. MRI features of symptomatic amputation neuromas.](#)

Chung BM, **Lee GY**, Kim WT, Kim I, Lee Y, Park SB. Eur Radiol. 2021 Oct;31(10):7684-7695. doi: 10.1007/s00330-021-07954-2. Epub 2021 Apr 18.

[11. Analysis of Fracture Characteristic and Medial Collateral Ligament Injury Relationships in Terrible Triad Elbow Injuries.](#)

Jung HS, Lee JS, Kim JY, Baek SH, **Lee GY**, Choi JH. J Hand Surg Am. 2021 Mar 29:S0363-5023(21)00042-3. doi: 10.1016/j.jhsa.2021.01.015. Online ahead of print.

[12. Does Bone Mineral Density Differ between Fan-Beam and Pencil-Beam?: A Meta-Analysis and Systemic Review.](#)

Yoon BH, Koh YD, Yoo JI, Kim S, **Lee GY**, Park SB, Ha YC. J Bone Metab. 2021 Feb;28(1):67-77. doi: 10.11005/jbm.2021.28.1.67. Epub 2021 Feb 28.

[13. Evaluation of the ulnar nerve with shear-wave elastography: a potential sonographic method for the diagnosis of ulnar neuropathy.](#)

Kim S, **Lee GY**. Ultrasonography. 2021 Jul;40(3):349-356. doi: 10.14366/usg.20101. Epub 2020 Aug 23.

[14. Utility of Magnetic Resonance Imaging for Differentiating Necrotizing Fasciitis from Severe Cellulitis: A Magnetic Resonance Indicator for Necrotizing Fasciitis \(MRINEC\) Algorithm.](#)

Kim MC, Kim S, Cho EB, **Lee GY**, Choi SH, Kim SO, Chung JW. J Clin Med. 2020 Sep 21;9(9):3040. doi: 10.3390/jcm9093040.

[15. The correlation between shape of the sigmoid notch of the distal radius and the risk of triangular fibrocartilage complex foveal tear](#)

H-S. Jung;M. Park;Y-S. Won;**G. Lee**;S. Kim;J. Lee.

The Bone & Joint Journal. 102B(6):749–754, JUNE 2020, DOI: 10.1302/0301-620X.102B6.BJJ-2019-1284.R1

[16. Threshold-based quantification of fatty degeneration in the supraspinatus muscle on MRI as an alternative method to Goutallier classification and single-voxel MR spectroscopy.](#)

Lee D, Hong KT, Lee W, Khil EK, **Lee GY**, Choi JA, Song Y.

BMC Musculoskelet Disord. 2020 Jun 9;21(1):362. doi: 10.1186/s12891-020-03400-4.

[17. Clinical utility of fat-suppressed 3-dimensional controlled aliasing in parallel imaging results in higher acceleration sampling perfection with application optimized contrast using different flip angle evolutions MRI of the knee in adults.](#)

Lee S, **Lee GY**, Kim S, Park YB, Lee HJ.

Br J Radiol. 2020 Aug;93(1112):20190725. doi: 10.1259/bjr.20190725. Epub 2020 Jun 24.

[18. Acetabular Ossicles: Epidemiology and Correlation With Femoroacetabular Impingement.](#)

Djaja YP, Kim S, **Lee GY**, Ha YC.

Arthroscopy. 2020 Apr;36(4):1063-1073. doi: 10.1016/j.arthro.2019.11.123. Epub 2019 Dec 4.

[19. Evaluation of the triangular fibrocartilage: comparison of two-compartment wrist CT arthrography using the distal radioulnar and radiocarpal joints and unicompartement wrist CT arthrography using the radiocarpal joint.](#)

Kim S, **Lee GY**, Lee JS.

Br J Radiol. 2019 Oct;92(1102):20190298. doi: 10.1259/bjr.20190298. Epub 2019 Jul 19.

[20. Primary Imaging Test for Suspected Traumatic Thoracolumbar Spine Injury: 2017 Guidelines by the Korean Society of Radiology and National Evidence-Based Healthcare Collaborating Agency.](#)

Lee GY, Hwang JY, Kim NR, Kang Y, Choi M, Kim J, Ha EJ, Baek JH.

Korean J Radiol. 2019 Jun;20(6):909-915. doi: 10.3348/kjr.2018.0792. Review.

[21. The superb microvascular imaging is more sensitive than conventional power Doppler imaging in detection of active synovitis in patients with rheumatoid arthritis.](#)

Lee GY, Kim S, Choi ST, Song JS.

Clin Rheumatol. 2019 Sep;38(9):2613-2620. doi: 10.1007/s10067-019-04550-0. Epub 2019 Apr 27.

[22. Anterolateral ligament injury has a synergic impact on the anterolateral rotatory laxity in acute anterior cruciate ligament-injured knees.](#)

Park YB, Lee HJ, Ro DH, **Lee GY**, Kim S, Kim SH.

Knee Surg Sports Traumatol Arthrosc. 2019 Oct;27(10):3334-3344. doi: 10.1007/s00167-019-05347-z. Epub 2019 Jan 11.

[23. Lunate subchondral cysts: Are there specific radiologic findings for patients with symptomatic ulnocarpal impaction?](#)

Rhee SM, Lee JY, Song KS, **Lee GY**, Lee JS.

J Orthop Sci. 2019 Jul;24(4):636-642. doi: 10.1016/j.jos.2018.12.003. Epub 2019 Jan 1.

[24. Computed Tomography Arthrography Findings of Idiopathic Adhesive Capsulitis of the Hip: An Analog of Adhesive Capsulitis of the Shoulder.](#)

Lee GY, Ha YC, Kim S, Kim JY.

Korean J Radiol. 2019 Mar;20(3):479-486. doi: 10.3348/kjr.2018.0566.

[25. Accuracy of Magnetic Resonance Imaging and Computed Tomography Arthrography in Diagnosing Acetabular Labral Tears and Chondral Lesions.](#)

Lee GY, Kim S, Baek SH, Jang EC, Ha YC.

Clin Orthop Surg. 2019 Mar;11(1):21-27. doi: 10.4055/cios.2019.11.1.21. Epub 2019 Feb 18.

[26. Location and Correlation of Acetabular Labral Tears and Paralabral Cysts Using Magnetic Resonance Imaging or Magnetic Resonance Arthrography in Patients With Femoroacetabular Impingement.](#)

- Lee YK, Kim JM, Yoon BI, Kim JY, **Lee GY**, Kim S, Ha YC.
Arthroscopy. 2019 Mar;35(3):809-815. doi: 10.1016/j.arthro.2018.10.141. Epub 2019 Feb 4.
[27. Do Radiology Residents Perform Well in Preliminary Reporting of Emergency MRIs of Spine?](#)
- Lee GY**, Lee JW, Chong LR, Kang HS.
Investig Magn Reson Imaging. 2018 Mar;22(1):10-17.
[28. An intra-articular synovial lipoma of the hip, possibly causing osteoarthritis: a case report and review of the literature.](#)
- Kim S, **Lee GY**, Ha YC.
Skeletal Radiol. 2018 May;47(5):717-721.
[29. The Incidence of Various Types of Systemic Reactions Related to Epidural Steroid Injections: A Prospective Observational Study.](#)
- Lee GY**, Lee JW, Yeom JS, Kim KJ, Shin HI, Kang HS.
Korean J Radiol. 2018 Mar-Apr;19(2):301-310.
[30. Epidural steroid injection-related events requiring hospitalisation or emergency room visits among 52,935 procedures performed at a single centre.](#)
- Lee JW, Lee E, **Lee GY**, Kang Y, Ahn JM, Kang HS.
Eur Radiol. 2017 Jul 19.
[31. Texture Analysis of Torn Rotator Cuff on Preoperative Magnetic Resonance Arthrography as a Predictor of Postoperative Tendon Status.](#)
- Kang Y, **Lee GY**, Lee JW, Lee E, Kim B, Kim SJ, Ahn JM, Kang HS.
Korean J Radiol. 2017 Jul-Aug;18(4):691-698.
[32. A prospective randomized study comparing three different approaches to fluoroscopy-guided shoulder arthrography according to the experience of practitioners.](#)
- Lee GY**, Lee JW, Lee E, Ahn JM, Kang HS.
Skeletal Radiol. 2017 Jul;46(7):925-933.
[33. Morphologic Changes and Outcomes After Arthroscopic Acetabular Labral Repair Evaluated Using Postoperative Computed Tomography Arthrography.](#)
- Yoo JI, Ha YC, Lee YK, **Lee GY**, Yoo MJ, Koo KH.
Arthroscopy. 2017 Feb;33(2):337-345.
[34. Acute benign vertebral compression fractures: "see-through sign" on contrast-enhanced MR images.](#)
- Lee E, Lee JW, Lee J, **Lee GY**, Kang WY, Yoo BR, Shin YJ, Ahn JM, Kang HS.
Eur Spine J. 2016 Nov;25(11):3470-3477.
[35. Intra-Articular Injections in Patients with Femoroacetabular Impingement: a Prospective, Randomized, Double-blind, Cross-over Study.](#)

- Lee YK, **Lee GY**, Lee JW, Lee E, Kang HS.
J Korean Med Sci. 2016 Nov;31(11):1822-1827.
36. [Imaging findings of various talus bone tumors-clinico-radiologic features of talus bone tumors.](#)
- Jeon JY, Chung HW, Kwon JW, Hong SH, **Lee GY**, Ryu KN.
Clin Imaging. 2016 Jul-Aug;40(4):666-77.
37. [Factors Affecting Radiation Exposure during Lumbar Epidural Steroid Injection: A Prospective Study in 759 Patients.](#)
- Kim S, Shin JH, Lee JW, Kang HS, **Lee GY**, Ahn JM.
Korean J Radiol. 2016 May-Jun;17(3):405-12.
38. [Measurement of Coracohumeral Distance in 3 Shoulder Positions Using Dynamic Ultrasonography: Correlation With Subscapularis Tear.](#)
- Oh JH, Song BW, Choi JA, **Lee GY**, Kim SH, Kim DH.
Arthroscopy. 2016 Aug;32(8):1502-8.
39. [An Osteochondral Lesion of the Distal Tibia and Fibula in Patients With an Osteochondral Lesion of the Talus on MRI: Prevalence, Location, and Concomitant Ligament and Tendon Injuries.](#)
- You JY, **Lee GY**, Lee JW, Lee E, Kang HS.
AJR Am J Roentgenol. 2016 Feb;206(2):366-72.
40. [Comparative effectiveness of lumbar epidural steroid injections using particulate vs. non-particulate steroid: an intra-individual comparative study.](#)
- Kim JY, Lee JW, **Lee GY**, Lee E, Yoon CJ, Kang HS.
Skeletal Radiol. 2016 Feb;45(2):169-76.
41. [MRI Inter-Reader and Intra-Reader Reliabilities for Assessing Injury Morphology and Posterior Ligamentous Complex Integrity of the Spine According to the Thoracolumbar Injury Classification System and Severity Score.](#)
- Lee GY**, Lee JW, Choi SW, Lim HJ, Sun HY, Kang Y, Chai JW, Kim S, Kang HS.
Korean J Radiol. 2015 Jul-Aug;16(4):889-98.
42. [Fluoroscopy-Guided Lumbar Drainage of Cerebrospinal Fluid for Patients in Whom a Blind Beside Approach Is Difficult.](#)
- Chee CG, **Lee GY**, Lee JW, Lee E, Kang HS.
Korean J Radiol. 2015 Jul-Aug;16(4):860-5.
43. [MR Classification System Based on Axial Images for Cervical Compressive Myelopathy.](#)
- You JY, Lee JW, Lee E, **Lee GY**, Yeom JS, Kang HS.
Radiology. 2015 Aug;276(2):553-61.
44. [Herniation of cartilaginous endplates in the lumbar spine: MRI findings.](#)

- Joe E, Lee JW, Park KW, Yeom JS, Lee E, **Lee GY**, Kang HS.
AJR Am J Roentgenol. 2015 May;204(5):1075-81.
45. [Long-term assessment of clinical outcomes of ultrasound-guided steroid injections in patients with piriformis syndrome.](#)
- Jeong HS, **Lee GY**, Lee EG, Joe EG, Lee JW, Kang HS.
Ultrasonography. 2015 Jul;34(3):206-10.
46. [Focal anterior displacement of the thoracic spinal cord without evidence of spinal cord herniation or an intradural mass.](#)
- Lee JY, Lee JW, **Lee GY**, Kang HS.
Korean J Radiol. 2014 Nov-Dec;15(6):733-8.
47. [C2 nerve root on magnetic resonance imaging of occipital neuralgia.](#)
- Yi M, Lee JW, Yeom JS, Joe E, Hong SH, **Lee GY**, Kang HS.
Spine (Phila Pa 1976). 2014 Jun 1;39(13):1077-83.
48. [Fluoroscopic cervical paramidline interlaminar epidural steroid injections for cervical radiculopathy: effectiveness and outcome predictors.](#)
- Lee JW, Hwang SY, **Lee GY**, Lee E, Kang HS.
Skeletal Radiol. 2014 Jul;43(7):933-8.
49. [Lumbar facet joint injection: feasibility as an alternative method in high-risk patients.](#)
- Hwang SY, Lee JW, **Lee GY**, Kang HS.
Eur Radiol. 2013 Nov;23(11):3153-60.
50. [Compressive myelopathy: magnetic resonance imaging findings simulating idiopathic acute transverse myelopathy.](#)
- Bae YJ, Lee JW, Park KS, Yeom JS, Kim KJ, **Lee GY**, Kang HS.
Skeletal Radiol. 2013 Jun;42(6):793-802.
51. [The diagnostic value of direct CT arthrography using MDCT in the evaluation of acetabular labral tear: with arthroscopic correlation.](#)
- Ha YC, Choi JA, Lee YK, Kim JY, Koo KH, **Lee GY**, Kang HS.
Skeletal Radiol. 2013 May;42(5):681-8.
52. [Long-term outcomes of arthroscopic debridement and thermal shrinkage for isolated partial intercarpal ligament tears.](#)
- Lee JI, Nha KW, **Lee GY**, Kim BH, Kim JW, Park JW.
Orthopedics. 2012 Aug 1;35(8):e1204-9.
53. [MR-based outcome predictors of lumbar transforaminal epidural steroid injection for lumbar radiculopathy caused by herniated intervertebral disc.](#)
- Lee JW, Choi SW, Park SH, **Lee GY**, Kang HS.
Eur Radiol. 2013 Jan;23(1):205-11.

54. [Pulsed radiofrequency lesioning of the axillary and suprascapular nerve in calcific tendinitis.](#)

Kim JS, Nahm FS, Choi EJ, Lee PB, **Lee GY**.

Korean J Pain. 2012 Jan;25(1):60-4.

55. [Diffusion tensor imaging and fiber tractography in cervical compressive myelopathy: preliminary results.](#)

Lee JW, Kim JH, Park JB, Park KW, Yeom JS, **Lee GY**, Kang HS.

Skeletal Radiol. 2011 Dec;40(12):1543-51.

56. [A new grading system of lumbar central canal stenosis on MRI: an easy and reliable method.](#)

Lee GY, Lee JW, Choi HS, Oh KJ, Kang HS.

Skeletal Radiol. 2011 Aug;40(8):1033-9.

Erratum in: Skeletal Radiol. 2011 Aug;40(8):1127. **Guen, Young Lee** [corrected to **Lee, Guen Young**]; Joon, Woo Lee [corrected to Lee, Joon Woo]; Hee, Seok Choi [corrected to Choi, Hee Seok]; Kyoung-Jin, Oh [corrected to Oh, Kyoung-Jin]; Heung, Sik Kang [corrected to Kang, Heung Sik].

57. [Posteroinferior labral cleft at direct CT arthrography of the shoulder by using multidetector CT: is this a normal variant?](#)

Lee GY, Choi JA, Oh JH, Choi JY, Hong SH, Kang HS.

Radiology. 2009 Dec;253(3):765-70.

58. [An infected urachal cyst containing an appendicolith: a case report.](#)

Lee GY, Lee SW, Choi KJ, Hwang JY.

Clin Imaging. 2008 Nov-Dec;32(6):480-2. doi: 10.1016/j.clinimag.2007.12.011.

59. [Hypertensive intracerebral hematoma after aneurysmal subarachnoid hemorrhage.](#)

Lee GY, Lim SM, Kim Y.

J Clin Neurosci. 2007