



Curriculum Vitae

Personal Information

Title (i.e. Pf. Dr. etc)		
Name (First name_ Last name)	Jung-il Lee	
Degree (i.e. MD, Msc, PhD)		
Country	South Korea	
Affiliation		
SNS ID (Optional)		

Curriculum Vitae

- Graduated from Korea University College of Medicine
- M.S. and Ph.D. in Orthopedic Surgery, Korea University College of Medicine
- Professor of Orthopedic Surgery, Korea University College of Medicine; Department of Orthopedic Surgery, Korea University Guro Hospital

2026. **[Biomolecules & therapeutics]** Peripheral Nerve Injury and Denervation-Induced Sarcopenia with a Focus on
09 Pharmacological Dual-Target Strategies. Yun C, Won JH, Lee SY, Kim TH, Kim GH, *Lee JI. (Corresponding author)

2026. **[The Journal of hand surgery (European volume)]** Operative versus conservative management of metaphyseal ulnar
08 fractures in distal radial fractures fixed with a plate. Sakong SY, Cho WT, Kang SH, Choi JS, *Lee JI, Cho JW. (co-
corresponding author)

2026. **[Journal of orthopaedic surgery and research.]** Effect of ulnar positive variance on outcomes after arthroscopic
06 transosseous repair of palmer 1B TFCC foveal tears. Won JH, Shin JW, Kwon J, Park JW, *Lee JI. (Corresponding author)

2026. **[The bone & joint journal]** Risk factors for idiopathic cubital tunnel syndrome : development and surgical intervention from
05 a nationwide population-based cohort study. *Lee JI, Park JW, Park CM, Kong S, Lee DH. (First & Corresponding author)

2026. **[Biomolecules & therapeutics]** Clemastine Restores Myelination Protein Expression in S16 Schwann Cells by Enhancing
03 AMPK Activation and Reducing H2O2-Induced Oxidative Stress. Yun C, Lee SY, Won JH, Kim GH, Kim TH, *Lee JI.
(Corresponding author)

2026. **[Journal of reconstructive microsurgery]** Effects of 4-aminopyridine as an Adjuvant Therapy Following Peripheral Nerve
01 Repair in an Animal Model of Nerve Transection Injury. *Lee JI, Kim DW, Park JW, Lee DH. (First & Corresponding author)

2025. **[Medicine]** Intra-articular sigmoid notch fractures of the distal radius and their association with arthritis progression and
10 outcomes after volar locking plate fixation: A retrospective study. Pakr SH, Ahn SJ, Park JW, Lee DH, *Lee JI (Corresponding
Author)



2024. **[The Journal of hand surgery (American volume)]** Surgical Outcomes of Percutaneous Pinning and Open Locking Plating
12 in Patients With Intra-articular Fractures of the Base of the Fifth Metacarpal. *Lee JI, Park JW, You YJ, Jo YH, Park KC. (First & Corresponding author)
2024. **[Injury]** A comparative study of volar locking-plate fixation with corticocancellous and pure cancellous bone grafts for
06 scaphoid nonunion with dorsal intercalated segmental instability secondary to scaphoid humpback deformity. Shin JW, Kim DW, Kwak DH, Park JW, *Lee JI. (Corresponding author)
2023. **[Orthopaedic journal of sports medicine]** Effects of Statin Treatment on the Development of Tendinopathy: A Nationwide
07 Population-Based Cohort Study, Kwak D, Moon SJ, Park JW, Lee DH, *Lee JI. (Corresponding author)
2023. **[Neural regeneration research]** Functional recovery and muscle atrophy in pre-clinical models of peripheral nerve
02 transection and gap-grafting in mice: Effects of 4-aminopyridine. *Lee JI, Takukder MA H, Karuman Z, Gurjar A, Govindappa PK, Guddadarangaiah JM, O'Brien M, Manto KM, Wandling GD, Hegarty JP, Waning DL, Elfar JC. (First author).
2022. **[Neural regeneration research]** Delivery of nitric oxide-releasing silica nanoparticles for in vivo revascularization and
09 functional recovery after acute peripheral nerve crush injury. *Lee JI, Park JH, Kim YR, Gwon K, Hwang HW, Jung G, Lee JY, Sun JY, Park JW, Shin JH, Ok MR. (First author)
2022. **[Orthopaedics & traumatology, surgery & research : OTSR]** Predictors for nonunion of unrepaired ulnar styloid fracture
05 associated with distal radius fractures in patients treated with volar locking plate fixation and their effect on functional outcomes. *Lee JI, Park JW, Park KC, Kim DH, Lee DH. (First & Corresponding author)
2022. **[BMJ Open]** Quality and reliability evaluation of online videos on carpal tunnel syndrome: a YouTube video-based study.
04 Kwak D, Park JW, Won Y, Kwon Y, Lee JI. (Corresponding author)
2022. **[Bio-protocol]** A Novel Standardized Peripheral Nerve Transection Method and a Novel Digital Pressure Sensor Device
03 Construction for Peripheral Nerve Crush Injury. *Lee JI, Wandling GD, Talukder MAH, Govindappa PK, Elfar JC. (First author)
2022. **[Journal of visualized experiments : JoVE]** Traumatic Peripheral Nerve Injury in Mice. *Lee JI, Govindappa PK, Wandling
03 GD, Elfar JC. (First author)
2022. **[BMC emergency medicine]** Epidemiology, injury characteristics and clinical outcomes of bicycle and motorcycle accidents
03 in the under 20 population: South Korea. Yun H, Bae SJ, *Lee JI, Lee DH. (Corresponding author)
2022. **[BMC research notes]** Altered gut microbiota composition with antibiotic treatment impairs functional recovery after
02 traumatic peripheral nerve crush injury in mice: effects of probiotics with butyrate producing bacteria. Rodenhouse A, Talukder MAH, *Lee JI, Govindappa PK, O'Brien M, Manto KM, Lloyd K, Wandling GD, Wright JR, See JRC, Anderson SL, Lamendella R, Hegarty JP, Elfar JC. (Co-author)

45th KSRM 2026

Date October 23(Fri)-24(Sat), 2026

Venue Convention Center Sejong University, Seoul, Korea



2021. **[Scientific reports]** Clemastine improves electrophysiologic and histomorphometric changes through promoting myelin repair in a murine model of compression neuropathy. *Lee JI, Park JW, Lee KJ, Lee DH. (First & Corresponding author)
10
2021. **[BMC geriatrics]** Patterns and clinical outcomes of injuries related to two-wheeled vehicles (bicycle and motorcycle) in the geriatric population: a nationwide analysis in South Korea (2016-2018). Choi Y, Lee DH, *Lee JI. (Corresponding author)
10
2021. **[Microsurgery]** Comparison between normal and reverse orientation of graft in functional and histomorphological outcomes after autologous nerve grafting: An experimental study in the mouse model. Lee DH, You J, Jung JW, Park JW, *Lee JI. (Corresponding author)
10
2021. **[Computer methods in biomechanics and biomedical engineering]** Biomechanical evaluation of the stability of extra-articular distal radius fractures fixed with volar locking plates according to the length of the distal locking screw. Oh GW, Kim HS, *Lee JI. (Corresponding author)
06
2021. **[Journal of orthopaedic surgery and research]** Clinical outcomes after mini-hook plate fixation for small avulsion fractures around the interphalangeal or metacarpophalangeal joints of the hand. *Lee JI, Park KC, So HS, Lee DH. (First & Corresponding author)
03
2021. **[Muscle & nerve]** An Obligatory Role of Schwann Cell-Specific Erythropoietin Receptors in Erythropoietin-Induced Functional Recovery and Neurogenic Muscle Atrophy after Nerve Injury. Talukder MA H, *Lee JI, Hegarty JP, Grujar A, O'Brien M, Karuman Z, Wandling GD, Govindappa PK, Elfar JC. (Co-author)
02
2021. **[Military medicine]** Purposeful Misalignment of Severed Nerve Stumps in a Standardized Transection Model Reveals Persistent Functional Deficit With Aberrant Neurofilament Distribution. *Lee JI, Gurjar AA, Talukder MAH, Rodenhouse A, Manto K, O'Brien M, Karuman Z, Govindappa PK, Elfar JC. (First author)
01
2021. **[Military medicine]** Novel Real-time Digital Pressure Sensor Reveals Wide Variations in Current Nerve Crush Injury Models. Wandling GD, *Lee JI, Talukder MAH, Govindappa PK, Elfar JC. (Co-author)
01
2020. **[Scientific reports]** A novel nerve transection and repair method in mice: histomorphometric analysis of nerves, blood vessels, and muscles with functional recovery. *Lee JI, Gujar A, Talukder MAH, Rodenhouse A, Manto K, O'Brien M, Govindappa PK, Elfar JC. (First author)
12
2020. **[PLOS One]** Functional recovery with histomorphometric analysis of nerves and muscles after combination treatment with erythropoietin and dexamethasone in acute peripheral nerve injury. *Lee JI, Hur JM, You J, Lee DH. (First & Corresponding author)
09