

CURRICULUM VITAE

NAME: Jae Chul Lee

PROFESSIONAL AND PLACE: 59 Daesagwan-ro, Yongsan-gu,
Seoul, 04401, Korea
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AND PLACE: Seoul, Korea

BOARD CERTIFICATION: Korean Board of Orthopaedic Surgery
March 27, 1997

LICENSURE: Korean Board of Medical Doctor Issued 3/10/92

HOSPITAL AFFILIATION: Soonchunhyang University Hospital, Seoul, Korea
Professor

POST GRADUATE EDUCATION:

Internship
Seoul National University Hospital
Seoul, Korea
1992 - 1993

Residency - Orthopaedic Surgery
Seoul National University Hospital
Seoul, Korea
1993 - 1997

SPINE SURGERY FELLOWSHIPS: May 1, 2000 to April 30, 2001

Choon-Ki Lee, M.D.
Seoul National University Hospital, Seoul, Korea

Bong-Soon Chang, M.D.
Seoul National University Hospital, Seoul, Korea

INTERNATIONAL VISITING SCHOLAR: September 1, 2012 to August 20, 2013 **Washington University in St. Louis, Spine Center**

K. Daniel Riew, M.D.
Cervical Spine Surgery, St. Louis, MO, USA

MEDICAL EDUCATION:

Seoul National University College of Medicine
Seoul, Korea
1988 - 1992
Doctor of Medicine, 1992

Activities:

Member of Medical Orchestra (Cello)

PREMEDICAL COLLEGE:

Seoul National University College of Natural Science
Seoul, Korea
1986 - 1988

Activities:

Member of Medical Orchestra (Cello)

MILITARY SERVICE:

Republic of Korea (ROK) Army
Army Orthopedic Surgeon
1997-2000

TEACHING APPOINTMENTS:

Soonchunhyang University Hospital at Seoul
Professor of Orthopaedic Surgery
Department of Orthopaedic Surgery, March 1, 2012 to present

Soonchunhyang University Hospital at Seoul
Associate Professor of Orthopaedic Surgery
Department of Orthopaedic Surgery, March 1, 2007 to Feb 29, 2012

Soonchunhyang University Hospital at Seoul
Assistant Professor of Orthopaedic Surgery
Department of Orthopaedic Surgery, March 1, 2004 to Feb 28, 2006

Soonchunhyang University Hospital at Bucheon
Assistant Professor of Orthopaedic Surgery
Department of Orthopaedic Surgery, March 1, 2003 to Feb 29, 2004

Soonchunhyang University Hospital at Bucheon
Instructor of Orthopaedic Surgery
Department of Orthopaedic Surgery, May 1, 2001 to Feb 28, 2003

HONORS AND AWARDS:

Best Clinical Paper of the Year
Korean Orthopedic Association, 1997

Hyangsan Award (Best paper of Annual Meeting of Korean Society of Spine Surgery)
Korean Society of Spine Surgery, 2005

International Travelling fellowship of Korean Society of Spine Surgery, 2005

Hyangsan Award (Best paper of Annual Meeting of Korean Society of Spine Surgery)
Korean Society of Spine Surgery, 2009

PROFESSIONAL ORGANIZATIONS:

Member, Korean Orthopedic Associations, 1997 to present
Member, Korean Society of Spine Surgery, 2001 to present
Corresponding member, North American Spine Society, 2005 to present
Member, Pacific Asian Society of Minimally Invasive Spine Surgery, 2007 to present
Board member, Pacific Asian Society of Minimally Invasive Spine Surgery, 2009 to present
Member, International Society for the Advancement of Spine Surgery, 2009 to present
Corresponding Member, Cervical Spine Research Society, 2014 to 2021
Member, Cervical Spine Research Society Asia-Pacific, 2022 to present
Educational Council, AOSpine Korea, 2018 to 2021
Secretary General, PASMIS 2020 (Pacific Asian Society of MISS) in Korea
Secretary General, KOSASS (Korean Society for Advancement of Spine Surgery), 2019 to 2022

PROFESSIONAL ACTIVITIES:

Committee on Internet Home Page of Korean Society of Spine Surgery,
Korean Society of Spine Surgery, 2003 to present

Committee on Indexing of Journal of Korean Society of Spine Surgery,
Korean Society of Spine Surgery, 2001 to present

Committee on Minimally Invasive Spine Surgery of Korean Society of Spine Surgery,
Korean Society of Spine Surgery, 2008 to present

Committee on Basic Science Research of Korean Society of Spine Surgery,
Korean Society of Spine Surgery, 2007 to 2008

Committee on Osteoporosis Research of Korean Society of Spine Surgery,
Korean Society of Spine Surgery, 2012 to present

JOURNAL REVIEWER:

Editorial Board, Asian Spine Journal, 2008 to present
Editorial Board, Journal of Korean Orthopedic Association, 2009 to present
Reviewer, Journal of Korean Society of Spine Surgery, 2006 to present
Reviewer, Journal of Korean Orthopedic Associations, 2005 to present
Reviewer, Journal of Korean Medical Science, 2009 to present
Reviewer, Journal of Korean Society of Osteoporosis, 2011 to present

HOSPITAL COMMITTEE:

Residency & internship program committee, 2005 to 2012
Clinical collaboration with referral hospitals, 2005 to 2007
Transfusion alternatives and non-transfusion, 2006 to present
Cyberknife, 2008 to present
Medical record, 2005 to 2011
Chairman of Orthopedic Surgery, 2018 to present

PUBLICATIONS (INTERNATIONAL JOURNAL):

1. Fixed pelvic obliquity after poliomyelitis: classification and management.
Lee DY, Choi IH, Chung CY, Cho TJ, Lee JC.
J Bone Joint Surg Br. 1997 Mar;79(2):190-6.
2. Quantitative Analysis of Back Muscle Degeneration in the Patients with the Degenerative Lumbar Flat Back using a Digital Image Analysis: Comparison with the normal controls.
Jae Chul Lee, Jang-Gyu Cha, Yongdai Kim, Yon-Il Kim, Byung-Joon Shin.
Spine 2008 Feb 1;33(3):318-25.
3. Safety and efficacy of pedicle screws and titanium mesh cage in the treatments of tuberculous spondylitis of the thoracolumbar spine.
Jae Chul Lee, Yon-Il Kim, Byung-Joon Shin
Asian Spine Journal, 2:64-73, 2008.
4. An Analysis of the Prognostic Factors Affecting the Clinical Outcomes of Conventional Lumbar Open Discectomy : Clinical and Radiological Prognostic Factors.
Jae Chul Lee, Min-Soo Kim, Byung-Joon Shin
Asian Spine Journal, 4: 23-31, 2010.
5. Learning Curve and Clinical Outcomes of Minimally Invasive Transforaminal Lumbar Interbody Fusion - Our experience in Eighty-six Consecutive Cases-
Jae Chul Lee, Hae-Dong Jang, Byung-Joon Shin.
Spine, 37:18:1548-1557, 2012.
6. Radiographic Grading of Facet Degeneration, Is It Reliable?
- A Comparison of MR or CT Grading with Histological Grading in Lumbar Fusion Candidates -
Jae Chul Lee, Jang-Gyu Cha, Jae Ho Yoo, Hee Kyung Kim, Hyun-Joo Kim, Byung-Joon Shin.
The Spine J, 12:6:507-514,2012.
7. Comparison of MRI T2 Relaxation Changes of Knee Articular Cartilage before and after Running between Young and Old Amateur Athletes
Jang-Gyu Cha, Jae Chul Lee, Hyun-Joo Kim, Jong Kyu Han, Eun Hye Lee, Yong Dai Kim, Chan Hong Jeon.
Kor J Radiol, 13:5:594-601,2012.
8. Risk Factors of Adjacent Segment Disease Requiring Surgery Following Lumbar Spinal Fusion
- Comparison of PLIF and PLF -

- Jae Chul Lee, Yongdai Kim, Jae-Wan Soh, Byung-Joon Shin
Spine, 39:5:E339-345,2014.
9. Risk-Factor Analysis of Adjacent-Segment Pathology Requiring Surgery Following Anterior, Posterior, Fusion, and Nonfusion Cervical Spine Operations - Survivorship Analysis of 1358 Patients -
Jae Chul Lee, Sang-Hun Lee, Colleen Peters, K. Daniel Riew
J Bone Joint Surg Am, Nov 5; 96(21):1761-7,2014.
 10. Adjacent Segment Pathology Requiring Reoperation Following Anterior Cervical Arthrodesis: The Influence of Smoking, Gender, and Number of Operated Levels.
Jae Chul Lee, Sang-Hun Lee, Colleen Peters, K. Daniel Riew
Spine, May 15;40(10):E571-7,2015.
 11. Adjacent Segment Pathology after Lumbar Spinal Fusion.
Jae Chul Lee, Sung-Woo Choi
Asian Spine Journal, 9(5):80, 2015.
 12. Influence of the Number of Cervical Fusion Levels on Cervical Spine Motion and Health-Related Quality of Life
Sang-Hun Lee, Jae Chul Lee, Ryogi Tauchi, K. Daniel Riew
Spine, 41(8):E474–E480, 2016
 13. Revision surgeries following artificial disc replacement of cervical spine.
Jong-Beom Par, Han Chang, Jin S. Yeom, Kyung-Soo Suk,
Dong-Ho Lee, Jae Chul Lee
Acta Orthop Traumatol Turc. Dec;50(6):610-618, 2016
 14. A Nationwide Retrospective Study of Opioid Management Patterns in 2,468 Patients with Spinal Pain in Korea
Sung-Soo Chung , Chun-Kun Park, Kyu-Jung Cho, Kyoung Hyo Choi, Jin-Hyok Kim, Sung-Bum Kim, Sung-Uk Kuh, Jae Chul Lee, Jae Hyup Lee, Kyu-Yeol Lee, Sun-Ho Lee, Seong-Hwan Moon, Si-Young Park, Jae Hang Shim, Byung-Chul Son, Myung Ha Yoon, Hye-Jeong Park
Asian Spine J, 10(6):1122-1131, 2016
 15. Relationship between bone mineral density and alcohol intake: A nationwide health survey analysis of postmenopausal women.
Hae-Dong Jang, Jae-Young Hong , Kyungdo Han, Jae Chul Lee, Byung-Joon Shin, Sung-Woo Choi, Seung-Woo Suh, Jae-Hyuk Yang, Si-Young Park, Chungwon Bang
PLoS One, 12:e0180132, 2017

16. Risk factor analysis for predicting vertebral body re-collapse after posterior instrumented fusion in thoracolumbar burst fracture
Hae-Dong Jang, , Chungwon Bang, Jae Chul Lee, Jae-Wan Soh, Sung-Woo Choi, Hyeung-Kyu Cho, Byung-Joon Shin
The Spine J, 20: July,2017
17. Survivorship and Complications after Hip Fracture Surgery in Patients with Chronic Kidney Disease
You-Sung Suh, Sung Hun Won, Hyung-Suk Choi, Jae Chul Lee, Dong-il Chun, Jae-Hwi Nho, Hwan-Woong Lee, Jin Hyeung Kim
J Korean Med Sci 32: 2035-2041, 2017
18. Retrospective analysis of culture-negative versus culture-positive postoperative spinal infections
Jae Chul Lee, Min Jung Baek, Sung-Woo Choi, Soon Hyo Kwon, Kwang-Hyun Kim, Se Yoon Park, Tae Hyong Kim, Suyeon Park, Hae-Dong Jang, Dong-II Chun, Byung-Joon Shin
Medicine 97:20(e10643), 2018
19. Comparison of Cortical Ring Allograft and Plate Fixation with Autologous Iliac Bone Graft for Anterior Cervical Discectomy and Fusion
Jae Chul Lee, Hae-Dong Jang, Joonghyun Ahn, Sung-Woo Choi, Deokwon Kang, Byung-Joon Shin
Asian Spine J13:7:1-7, 2018
20. Pneumomediastinum and pneumopericardium as rare complications after retroperitoneal transpsoas lateral lumbar interbody fusion surgery - A case report
Hyun Uk Lee, Deokwon Kang, Jae Chul Lee, Sung-Woo Choi, Hae-Dong Jang, Jahyung Kim, Byung-Joon Shin
Medicine 97:46(e13222), 2018
21. Relationship between dementia and ankylosing spondylitis: A nationwide, population-based, retrospective longitudinal cohort study
Hae-Dong Jang, Jin-Sung Park, Dae Woong Kim, Kyungdo Han, Byung-Joon Shin, Jae Chul Lee, Sung-Woo Choi, Seung-Woo Suh, Jae-Hyuk Yang, Si-Young Park, WhiJe Cho, Jae-Young Hong
PLoS One 14:1(1-12), 2019
22. Prevalence and Risk Factors for Positive Nasal Methicillin-Resistant Staphylococcus aureus Carriage Among Orthopedic Patients in Korea
Sung-Woo Choi, Jae Chul Lee, Jahyung Kim, Ji Eun Kim, Min Jung Baek, Se Yoon Park, Suyeon Park, Byung-Joon Shin
J Clin Medicine, 8:5(ePub), 2019

23. Reliability Analyses of Radiographic Measures of Vertebral Body Height Loss in Thoracolumbar Burst Fractures
Jae-Young Hong, Sung-Woo Choi, Gi Deok Kim, HyunKwon Kim, Byung-Joon Shin, Eung-Ha Kim, Jae Chul Lee, Jin-Sung Park, Hae-Dong Jang
World Neurosurg, 129(e191-e198), 2019
24. Magnetic Resonance Imaging Characteristics and Age-Related Changes in the Psoas Muscle: Analysis of 164 Patients with Back Pain and Balanced Lumbar Sagittal Alignment
Hae-Dong Jang, Sung Hun Won, Dae Woong Kim, Eung-Ha Kim, Jae Chul Lee, Sung-Woo Choi, Seong San Park, Woonhoe Goo, Byung-Joon Shin
World Neurosurg 131:11(88-95), 2019
25. Risk Factors for Postsurgical Foot Complaints One Year Following Degenerative Lumbar Spinal Surgery
Hae-Dong Jang, Jae Chul Lee, Sung-Woo Choi, Byung-Joon, Shin
Spine, 45:9(E533–E541), 2019
26. Multimodal Analgesia (MMA) Versus Patient-Controlled Analgesia (PCA) for One or Two-Level Posterior Lumbar Fusion Surgery
Sung-Woo Choi, Hyeung-Kyu Cho, Suyeon Park, Jae Hwa Yoo, Jae Chul Lee, Min Jung Baek, Hae-Dong Jang, Joong Suk Cha, Byung-Joon Shin
J Clin Med, 9:4(1-10), 2020
27. Current Concepts in the Management of Osteoporotic Vertebral Fractures: A Narrative Review
Hae-Dong Jang, Eung-Ha Kim, Jae Chul Lee, Sung-Woo Choi, Kyungbum Kim, Byung-Joon Shin
Asian Spine J. 14(6):898-909 2020
28. Is Routine Use of Drain Really Necessary for Posterior Lumbar Interbody Fusion Surgery? A Retrospective Case Series with a Historical Control Group
Hae-Dong Jang, Seong San Park, Kyungbum Kim, Eung-Ha Kim, Jae Chul Lee, Sung-Woo Choi, Byung-Joon Shin
Global Spine J. Mar 18; Online ahead of print, 2021
29. Comparison of Minimally Invasive Lateral Lumbar Interbody Fusion, Minimally Invasive Transforaminal Lumbar Interbody Fusion, and Open Posterior Lumbar Interbody Fusion in the Treatment of Single-Level Spondylolisthesis of L4-L5
Hae-Dong Jang, Jae Chul Lee, Jong-Hyeon Seo, Young-Ho Roh,

Sung-Woo Choi, Byung-Joon Shin
World Neurosurg. e10-e18, Feb 158, 2022

29. Comparative Study of Radiological and Clinical Outcomes in Patients Undergoing Minimally Invasive Lateral Lumbar Interbody Fusion Using Demineralized Bone Matrix Alone or with Low-Dose *Escherichia coli*-Derived rhBMP-2
Young-Ho Roh, Jae Chul Lee, Hyung-Ki Cho, Hae-Dong Jang, Jong-Hyeon Seo, Sung-Woo Choi, Byung-Joon Shin
World Neurosurg. e557-e565, Feb 158, 2022

PUBLICATIONS (KOREAN JOURNAL):

1. Failed TKA with Titanium-Induced Tissue Response.
Sang Cheol Seong, Myung Chul Lee, Young Wan Moon, Jae Chul Lee
J Korean Orthop Assoc, 31: 720-729, 1996.
2. Natural History and Surgical Indication of Lumbar Disc Herniation.
Choon Ki Lee, Bong Soon Chang, Dong Ho Lee, Jae Chul Lee
J Kor Soc Spine Surg, 7: 283-289, 2000.
3. Clinical Features of Metastatic Spine Tumor and Needs for Surgical Treatment
Jae Chul Lee, Sung Wook Suh, Chang Kyun Lim, Bong Soon Chang, Choon Ki Lee
J Kor Soc Spine Surg, 7: 603-610, 2000.
4. Lumbar HIVD Associated with Spondylolysis
Byung Joon Shin, Kwang Sub Kim, Tae Kyung Yun, Jae Chul Lee, Kyung Je Kim, Yon Il Kim
J Kor Soc Spine Surg, 8: 74-80, 2001.
5. Intraspinal Gas with Lumberjack Injury - A Case Report -
Byung Joon Shin, Tae Kyung Yun, Ho Seong Kang, Jae Chul Lee, Kyung Je Kim, Yon Il Kim
J Kor Soc Spine Surg, 8: 81-85, 2001.
6. Chondroblastoma of the First Lumbar Vertebra - A Case Report -
Byung Joon Shin, Tae Kyung Yun, Kang Chul Lim, Jae Chul Lee, Kyung Je Kim, Dong Won Kim, Yon Il Kim
J Kor Soc Spine Surg, 8: 90-95, 2001.
7. The Peridural Hematoma after Surgery on the Degenerative Lumbar Spine

- Disease
Bong-Soon Chang, Woo Jin Kim, Jae Chul Lee, Dong-Ho Lee,
Yong Woon Shin, Sang-Lim Lee, Choon-Ki Lee
J Kor Soc Spine Surg, 8: 165-171, 2001.
8. Aspergillosis of the Thoracic Spine in Chronic Granulomatous Disease
- A Case Report -
Jae Chul Lee, Whan Seong Cho, Dong Ho Lee, Chang Kyun Lim,
Bong Soon Chang, Choon Ki Lee
J Korean Orthop Assoc, 36: 389-393, 2001.
 9. Clinical Features and Musculoskeletal Anomalies in VATER Association
Dong Ho Lee, Jae Chul Lee, Bong Soon Chang, Woo Jin Kim, Ji Wook Choi,
Choon Ki Lee, Hee Joong Kim, Sang Cheol Seong, Young Min Kim
J Korean Orthop Assoc, 36: 593-599, 2001.
 10. Scoliosis in Children after Surgery for Congenital Heart Disease
Jae Chul Lee, Dong-Ho Lee, Jun-Hwan Ahn, Soo Taek Lim,
Bong-Soon Chang, Choon-Ki Lee, Se-Il Suk
J Kor Soc Spine Surg, 9: 91-97, 2002.
 11. Tactics for Surgical Treatment of the Double Thoracic Scoliosis
- Significance of T1 tilt, first rib elevation and correction ratio –
Dong-Ho Lee, Jae Chul Lee, Sae-Hoon Kim, Soo Taek Lim,
Bong-Soon Chang, Choon-Ki Lee, Se-Il Suk
J Kor Soc Spine Surg, 9: 106-114, 2002.
 12. Intraoperative Spinal Nerve Root Injuries during Surgery for Degenerative
Low Back Disease
Byung-Joon Shin, Jae Chul Lee, Ki-Hoon Ryu, Ho-Won Jung,
Kyung-Je Kim, Yon-Il Kim
J Kor Soc Spine Surg, 9: 142-147, 2002.
 13. Surgical Treatments of Intradural Extramedullary Tumor
Byung-Joon Shin, Jae-Chul Lee, Tae-Kyung Yoon, Ho-Won Jung,
Sung-Woo Han, Dong-Won Kim, Kyung-Je Kim, Yon-Il Kim
J Kor Soc Spine Surg, 9: 230-237, 2002.
 14. Analysis of Aortic Passage in the Thoracic Region by Magnetic Resonance
Imaging
Byung-Joon Shin, Jae-Chul Lee, Hyung-Keun Park, Ho-Won Jung,
Kyung-Jae Kim, You-Sung Suh, Yon-Il Kim
J Kor Soc Spine Surg, 9: 289-295, 2002.

15. Conservative Treatment of Compression and Stable Burst Fractures in the Thoracolumbar Junction: Early Ambulation Vs. Late Ambulation
Byung Joon Shin, Yon Il Kim, Jae Chul Lee, Ho Won Jung, Joon Yong Park, Kyung Je Kim
J Korean Orthop Assoc, 37: 483-488, 2002.
16. Safety and Efficacy of Metallic Implants in the Treatments of Tuberculous Spondylitis
Byung-Joon Shin, Jae Chul Lee, Sung-Woo Choi, Ki-Hoon Ryu, Young-Il Cho, Tae-Kyung Yoon, Kyung-Je Kim, Yon-Il Kim
J Kor Soc Spine Surg, 10: 163-171, 2003.
17. Pyogenic Arthritis and Paraspinal Abscess Following Facet Joint Steroid Injection -A Case Report -
Jae Chul Lee, Hyun-Woo Doh, Young-Il Cho, Kyung-Je Kim, Yon-Il Kim, Byung-Joon Shin
J Kor Soc Spine Surg, 10: 196-201, 2003.
18. Incidental Dural Tear during Posterior Surgery of Degenerative Lumbar Disease
Byung-Joon Shin, Jae-Chul Lee, Young-Il Cho, Won-Kee Choi, Il Huh, Kyung-Je Kim, Yon-Il Kim
J Kor Soc Spine Surg, 10: 233-239, 2003.
19. Anterior Decompression and Instrumentation in the Patients with Neurologically Compromised Vertebral Body Collapse After Osteoporotic Compression Fracture
Byung-Joon Shin, Jae Chul Lee, Won-Kee Choi, Woo-Sung Park, Suk-Bong Jung, Young-Il Cho, Yon-Il Kim
J Kor Soc Spine Surg, 11: 271-277, 2004.
20. Surgically Treated Painful Post-traumatic Schmorl's Nodes of Thoracic Spine; Reports of Two Cases
Byung-Joon Shin, Jae Chul Lee, Hwa Yong Song, Suk-Bong Jung, Kye Won Kwon, Young-Il Cho, Yon-Il Kim
J Soonchunhynag Med Coll, 10: 849-853, 2004.
21. Cauda Equina Syndrome After Percutaneous Endoscopic Discectomy At L5-S1 -A case Report-
Byung-Joon Shin, Jae-Chul Lee, Jun-Seo Nam, Je-Pil Eom, Young-Il Cho, Yon-Il Kim
J Kor Soc Spine Surg, 12: 365-368, 2005.
22. C1-2 Fixation Using Polyaxial Screws and Rods Assisted by Computer Simulation for Revision of Failed Posterior Fusion

- A Technical Report -
Seong Kyu Park, Jin Sup Yeom, Jong Hwa Won, Jae Chul Lee, Dong Ho Lee,
Jiho Lee, Bong-Soon Chang, Choon-Ki Lee
J Korean Orthop Assoc, 40: 778-781, 2005.
23. A Minimum Follow-up Study of 10 years After Pedicle Screw Fixation and Fusion for Degenerative Lumbar Diseases
Byung-Joon Shin, Jae-Chul Lee, Jun-Seo Nam, Yong-Bum Kim,
Soo-Jin Yoon, Young-Il Cho, Yon-Il Kim
J Kor Soc Spine Surg, 13: 1-9, 2006.
24. Gorham's Disease Misdiagnosed as a Simple Compression Fracture in the Thoracic Spine - A Case Report -
Jae Chul Lee, Jun-Seo Nam, Jae-Wan Soh, Young-IL Cho, Yon-Il Kim,
Byung-Joon Shin
J Kor Soc Spine Surg, 13: 54-58, 2006.
25. Rosai-Dorfman Disease Occurred in Epidural Space of the Thoracic Spinal Canal
Byung-Joon Shin, Jae-Chul Lee, Jun-Seo Nam, Eun-Soo Yoon,
Dong-Won Kim, Young-Il Cho, Yon-Il Kim
J Kor Soc Spine Surg, 13: 64-68, 2006.
26. Clinical Outcome after Surgical Treatment of the Central Disc Herniation
Jae Chul Lee, Young-Il Cho, Jun-Seo Nam, Jung-Woo Ji, Yon-Il Kim,
Byung-Joon Shin
J Kor Soc Spine Surg, 13: 93-100, 2006.
27. Posterior Lumbar Interbody Fusion Using Titanium Cages and Morselized Local Bone Autograft
Jae-Chul Lee, Joo-Seok Cha, Hwa-Yong Song, Yon-Il Kim, Byung-Joon Shin
J Kor Soc Spine Surg, 13: 284-291, 2006.
28. Calcium Pyrophosphate Dihydrate Crystal Deposition Disease in the Cervical Ligamentum Flavum - A Case Report -
Jae Chul Lee, Seok-Ha Hwang, Yon-Il Kim, Byung-Joon Shin
J Kor Soc Spine Surg, 14: 96-100, 2007.
29. Congenital Absence of a Pedicle of L4 in the Spinal Stenosis - A Case Report -
Yon-Il Kim, Jae Chul Lee, Woo-Seok Choi, Byung-Joon Shin
J Kor Soc Spine Surg, 14: 115-119, 2007.
30. More than 5 year-Follow-Up After Pedicle Screw Fixation and Fusion

- for Isthmic Spondylolisthesis
Jae Chul Lee, Seok-Ha Hwang, Jae-Wan Soh, Yon-Il Kim, Byung-Joon Shin
J Kor Soc Spine Surg, 14: 178-186, 2007.
31. Comparative Analysis of Surgical Options in the Treatment of Lumbar Degenerative Kyphosis.
Jae Chul Lee, Jae-Wan Soh, Joo-Hyoung Jo, Yon-Il Kim, Byung-Joon Shin
J of Kor Soc Spine Surg, 14: 8-16, 2009.
32. Unilateral Undercutting Laminoplasty in the Treatment of Lumbar Spinal Stenosis -Comparison with Conventional Bilateral Partial Laminectomy-
Jae Chul Lee, Jae-Wan Soh, Eun-Chun Hwang, Yon-Il Kim, Byung-Joon Shin
J Kor Soc Spine Surg, 16: 30-37, 2009.
33. More Than 5 Year Follow-Up of Thoracolumbar Fractures Treated By Pedicle Screw Fixation.
Byung-Joon Shin, Jae-Chul Lee, Yon-Il Kim, Jae-Sang Lee
J Kor Soc Spine Surg, 16: 251-258, 2009.
34. Experience of Osteomyelitis of the Pubic Symphysis Following Surgical Treatment of Perianal Necrotizing Fasciitis.
Ji Yon Kim, Tae Hyong Kim, Eun Ju Choo, Min Hyok Jeon, Eun Jeong Lee, Jong-Hwa Kim, Eui Ju Park, Jae Chul Lee, So-Young Jin
Infect Chemother. 2009 May-Jun;41(3):185-189.
35. Current Concept on the Classification and Treatment of Spondylolisthesis.
Jae Chul Lee, Byung-Joon Shin
J Kor Soc Spine Surg, 17:38-48, 2010.
36. Clinical Results about More than 5 Years Follow-up after Open Discectomy
Jae-Wan Soh, Jae Chul Lee, Hyung-Mo Goo, Hae-Dong Jang, Byung-Joon Shin
J Kor Soc Spine Surg, 18:140-45, 2011.
37. Conservative Treatment of Lumbar Disc Herniation
- A Prospective Study of Disc Herniation Encroaching More than One-third of Spinal Canal -
Byung-Joon Shin, Jae Chul Lee, Ho-Hyoung Lee, Hae-Dong Jang
J Kor Soc Spine Surg, 18:123-31, 2011.
38. Gastrointestinal Risk Assessment in the Patients Taking Nonsteroidal Anti-inflammatory Drugs for Lumbar Spinal Disease
Byung ho Lee, Byung-Joon Shin, Dong Jun Kim, Jae Chul Lee, Kyung Soo Suk, Ye-Soo Park, Ki-Won Kim, Kyu Jung Cho, Keun-young Shin, Min-suk Koh,

- Seong-Hwan Moon
J Kor Soc Spine Surg, 18:123-31, 2011.
39. Myelopathy due to Thoracic Intradural Extramedullary Tumor Misdiagnosed as the Cerebral Infarction -A Case Report-
Jae-Wan Soh, Jae Chul Lee, Sung-Yong Park, M.D., Jong-Seok Park, Byung-Joon Shin
J Kor Soc Spine Surg, 18:123-31, 2012.
40. Prediction of Early Postoperative Infection after Arthroplasty Using the C-Reactive Protein Level
You-Sung Suh, Hyung-Suk Choi, Jae-Hwi Nho, Sung-Hun Won, Jong-Won Choi, Jae-Chul Lee, Jong-Seok Park
J Kor Orthop Assoc, 47 : 133 - 271, 2012.
41. Causes and Timing of Reoperation after Thoraco-Lumbar Spine Surgery
Jae Chul Lee, Seong-Seok Yang, Hyeong-Mo Ku, Byung-Joon Shin
J Kor Soc Spine Surg, 48 : 251 - 257, 2013.
42. A Comparison of Adjacent Segment Diseases Above One Versus Above Two Vertebral Segment after Spinal Fusion of the Degenerative Lumbar Disease
Sung-Woo Choi, Joonghyun Ahn, Jae Chul Lee, Hyeong-Mo Koo, Byung-Joon Shin
J Kor Soc Spine Surg, 7. 20:135-143, 2013.
43. Conus Medullaris Syndrome Caused by Delayed Recollapse after Surgery of Burst Fracture -A Case Report-
Jae-Wan Soh, Junghyeok Kim, Jae Chul Lee, Byung-Joon Shin
J Kor Soc Spine Surg, 21,3:129-133, 2014.
44. Comparative Analysis of Revision Surgery Groups between within 5 Years and More than 10 Years after Lumbar Spinal Fusion Due to Adjacent Segment Disease
Jae-Wan Soh, Jae Chul Lee, Jung-Moo Seo, Byung-Joon Shin
J Kor Orthop Assoc, 51 : 214 - 220, 2016
45. Work-Related Musculoskeletal Disorders among Spine Surgeons
Sung-Woo Choi, Jae Chul Lee, Hae-Dong Jang, Min-Chul Jeon, Joong Hyuk Kim, Chung-Hyun Kim, Suyeon Park, Byung-Joon Shin
J Kor Orthop Assoc, 51 : 464 - 472, 2016
46. Unusual Presentation of Bilateral Foraminal Disc Herniation
Sung-Woo Choi, Jae Chul Lee, Hyung-Suk Choi, Byung-Joon Shin
Soonchunhyang Medical Science 22(2):180-184, 2016

47. Minimally Invasive Lateral Lumbar Interbody Fusion: Surgical Technique and Surgical Technique and Review
Jaewan Soh, Jae Chul Lee
J Korean Soc Spine Surg. 23(4):262-269, 2016
48. A Long Solitary, Rosary-Shaped Spinal Neurofibroma -A Case Report-
Sung-Woo Choi, Jae Chul Lee, Dong-Il Chun, Jin Hyeung Kim, Byung-Joon Shin
J Kor Soc Spine Surg, 24,2:109-114, 2017
49. Quality of Life in Patients with Osteoporotic Vertebral Compression Fractures
Ho Jin Jung, Ye-Soo Park, Hyoung-Yeon Seo, Jae-Chul Lee, Ki-Chan An, Jin-Hyok Kim, Byung-Joon Shin, Tae Wook Kang, Si Young Park
J Bone Metab 24:187-196, 2017
50. Outcomes of Degenerative Lumbar Spine Surgery in Patients with Chronic Kidney Disease Undergoing Hemodialysis
Hae-Dong Jang, Joonghyun Ahn, Jae Chul Lee, Sung-Woo Choi, Sijohn Hong, Deokwon Kang, Hyeng-Kyu Cho, Byung-Joon Shin
J Korean Soc Spine Surg 24(3):154-161, 2017
51. Analysis of Factors Affecting Postoperative Loss of Reduction in Unstable Thoracolumbar Fractures
Jaewan Soh, Chang-Hwa Hong, Chung-Won Bang, Jae Chul Lee, Byung-Joon Shin
J Korean Soc Spine Surg 24(3):190-197, 2017
52. Comparison of the Efficacy and Safety Profiles of a Mixed 'PF-72' and '0.75% Ropivacaine HCl' Versus a '0.75% Ropivacaine HCl' and No Treatment Group: A Randomized, Single-Blind, Single-Institution Pilot Study
Sung-Woo Choi, Hae-Dong Jang, Deokwon Kang, Chung-Won Bang, Jae Chul Lee, Jae Jun Lee, Changsoon Hwang, Keun Sang Oh, Byung-Joon Shin,
J Korean Soc Spine Surg, 26:1(11-20), 2019
53. Blood Management Protocol without Transfusion in Orthopedic Surgery
You-Sung Suh, Jeong Jae Lee, Jae-Hwi Nho, Haran Chung, Won-Seok Lee, Byung-Woong Jang, Yong Beom Kim, Dong-Il Chun, Sung-Woo Choi, Jae-Chul Lee, Hyung-Suk Choi
Korean J Blood Transfus, 30:1(15-22), 2019
54. Minimally Invasive Lateral Lumbar Interbody Fusion: Indications, Outcomes and Complications
Jaewan Soh, Jae Chul Lee,

J Korean Orthop Assoc, 54:3(203-210), 2019

55. Multiple Lumbar Osteoporotic Compression Fractures in a Patient in Her 20s: A Case Report
Jae-Wan Soh, Chang-Hyun Kim, Jae Chul Lee,
J Korean Soc Spine Surg, 27:4:152-157, 2020

PRESENTATIONS (INTERNATIONAL MEETINGS):

1. " Fixed pelvic obliquity after poliomyelitis: classification and management."
Lee DY, Choi IH, Chung CY, Cho TJ, Lee JC
Western Pacific Orthopaedic Association, Combined Meeting of the Spinal and Paediatric Section
Kochi, Japan
Nov 7, 1996
2. "Tactics for Surgical Treatment of the Double Thoracic Scoliosis: Significances of T1 Tilt, Left First Rib Elevation, and Correction Ratio."
Dong-Ho Lee, Choon-Ki Lee, Bong-Soon Chang, Jae Chul Lee
American Academy of Orthopaedic Surgeons, Annual Meeting
Dallas, Texas
Feb 13-17, 2002
3. " Comparison of Combined Posterior and Paraspinal Muscle-Splitting Approach with Classic Posterior Approach in Posterior Lumbar Interbody Fusion."
Jae Chul Lee, Byung-Joon Shin, Seok-Bong Jung, and Yon-Il Kim
Pacific Asian Society of Minimally Invasive Spine Surgery, 4th Annual Meeting
Jeju, Korea
Aug 19-21, 2004
4. " Safety and efficacy of metallic implants in the treatments of tuberculous spondylitis of thoracolumbar spine."
Jae Chul Lee, Seok-Bong Chung, Young-Il Cho, Yon-Il Kim, Byung-Joon Shin
North American Spine Society, 19th Annual Meeting
Chicago, Illinois
Oct 27-30, 2004
5. " Quantification of back muscle alteration in degenerative flat back using digital image analysis."
Jae Chul Lee, Jang-Gyu Cha, Yon-Il Kim, and Byung-Joon Shin
The International Society for the Study of the Lumbar Spine, Annual Meeting
New York, NY
May 10-14, 2005
6. " Clinical Results of Pedicle Screw Fixation for Degenerative Lumbar Spinal Disease: A Follow-up Study of More Than 10 Years."
Byung-Joon Shin, Jae Chul Lee, Seok-Bong Jung, Jun Seo Nam, and Yon-Il Kim
Scoliosis Research Society (SRS) Asia Pacific Spine Congress,
Jeju, Korea
August 25-27, 2005

7. " Quantification of Back Muscle Alteration in Degenerative Flat Back using Digital Image Analysis."
Jae Chul Lee, Jun Seo Nam, Yon-Il Kim, and Byung-Joon Shin
Scoliosis Research Society (SRS) Asia Pacific Spine Congress,
Jeju, Korea
August 25-27, 2005
8. " Dural Tear and Rootlet Entrapment in the Lumbar Burst Fractures Associated with the Laminar Fracture."
Jae Chul Lee, Yon-Il Kim, and Byung-Joon Shin
North American Spine Society, 20th Annual Meeting
Philadelphia, Pennsylvania
September 27 - October 1, 2005
9. " Minimally invasive lumbar decompression and TLIF using tubular retractor & Percutaneous pedicle screw instrumentation."
Jae Chul Lee
The 11th Operative Spine Course,
Royal College of Orthopaedic Surgeons of Thailand
Chiang Mai, Thailand
January 24-27, 2007
10. " Minimally invasive decompression and transforaminal lumbar interbody fusion using tubular retractor and percutaneous pedicle screw fixation."
Jae Chul Lee, Yon-Il Kim, Byung-Joon Shin
The 7th PASMIS 2007
(Pacific and Asian Society of Minimally Invasive Spine Surgery)
GyeongJu, Korea
August 16-18, 2007
11. " Unilateral undercutting laminoplasty in the treatment of lumbar spinal stenosis."
Jae Chul Lee, Yon-Il Kim, and Byung-Joon Shin
The 7th PASMIS 2007
(Pacific and Asian Society of Minimally Invasive Spine Surgery)
GyeongJu, Korea
August 16-18, 2007
12. " Long-term follow-up after open discectomy."

Byung-Joon Shin, Jae-Wan Soh, Jae Chul Lee, Eung-Ha, Kim, Yon-II Kim
The 15th Triennial Congress of Asia Pacific Orthopaedic Association 2007
COEX Seoul, Korea
September 9-13, 2007

13. " Analysis of risk factors of adjacent segment degeneration after fusion with pedicle screw fixation for degenerative lumbar disease."
Jae Chul Lee, Jae-Wan Soh, Eung-Ha, Kim, Yon-II Kim, Byung-Joon Shin
The 15th Triennial Congress of Asia Pacific Orthopaedic Association 2007
COEX Seoul, Korea
September 9-13, 2007

14. " A Prospective Comparison of Magnetic Resonance or Computed Tomographic Grading vs. Histological Grading of Facet Joint Degeneration in Lumbar Fusion Candidates."
Jae Chul Lee, Jae-Wan Soh, Eung-Ha, Kim, Yon-II Kim, Byung-Joon Shin
22nd Annual Meeting of the North American Spine Society (NASS)
Austin, Texas
October 23-27, 2007

15. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation."
Minimally Invasive Spine Surgery Symposium
Jae Chul Lee
7th Combined Congress of the Spine and Pediatric Sections, Asia Pacific Orthopaedic Association (APOA)
Jeju, Korea
June 4-7, 2008

16. " Comparative Analysis of Surgical Options in the Treatment of Lumbar Degenerative Kyphosis."
Jae Chul Lee, Jae-Wan Soh, Eung-Ha, Kim, Yon-II Kim, Byung-Joon Shin
7th Combined Congress of the Spine and Pediatric Sections, Asia Pacific Orthopaedic Association (APOA)
Jeju, Korea
June 4-7, 2008

17. " Analysis of risk factors of adjacent segment degeneration after fusion using pedicle screws for degenerative lumbar disease."

Jae Chul Lee, Jae-Wan Soh, Yon-Il Kim, Byung-Joon Shin
The 23rd Annual Meeting of North American Spine Society 2008
Toronto, Canada
October 15, 2008

18. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation."
Jae Chul Lee
International Conference on the Spinal Deformity and Non-fusion techniques
Shanghai Medical University
Radisson Hotel
Shanghai, China
Mar 15, 2009
19. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation." (lecture and cadaver workshop)
Jae Chul Lee
The 2nd annual course on: Expanding and refining your range of skills on spine surgery
Sungkyunkwan University
Suwon, Korea
Feb 20, 2010
20. "Challenges and Issues of the Minimally Invasive TLIF"
at a Symposium for failed back surgery
Jae Chul Lee
The 10th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2010)
Aug 12-14, 2010
Taipei, Taiwan
21. "Accuracy of Percutaneous Pedicle Screw Placement in Lumbar Spine Treated by Minimally Invasive Transforaminal Lumbar Interbody Fusion"
Jae Chul Lee, Hyung Mo Koo, Ho-Hyung Lee, Byung-Joon Shin
The 10th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2010)
Aug 12-14, 2010
Taipei, Taiwan

22. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation." (lecture and cadaver workshop)
Jae Chul Lee
Advances in Spine Surgery
Seoul St.Mary's Hospital
Seoul, Korea
Aug 28, 2010

23. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation." (lecture and surgical demonstration)
Jae Chul Lee
Live surgery course – Spine solution in Vietnam
Viet Duc University Hospital
Hanoi, Vietnam
Nov 4-5, 2010

24. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation." (lecture and cadaver workshop)
Jae Chul Lee
Expanding and refining your range of skills on spine surgery
Sungkyunkwan University
Suwon, Korea
Feb 26, 2011

25. "Unstable Traumatic Spondylolisthesis of C2 Treated by C2 Pedicle Screws and C3 Lateral Mass Screws - A Case Report of Three Cases –" (Poster)
Jae Chul Lee, Jae-Wan Soh, Joo-Seok Cha, Ho-Hyoung Lee, Kang-Hee Park, Byung-Joon Shin
The 2nd Annual Meeting of Cervical Spine Research Society Asia Pacific Section (CSRS-AP 2011)
Paradise Hotel
Busan, Korea

26. "Complications of Minimally Invasive TLIF"
At a Symposium for complication of minimally invasive surgery
Jae Chul Lee
The 11th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2011)
Paradise Hotel
Busan, Korea

27. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation." (lecture and cadaver workshop)
Jae Chul Lee
Advances in Spine Surgery
Seoul St.Mary's Hospital
Seoul, Korea
Aug 27, 2011

28. "Minimally Invasive TLIF Combined With Adjacent Level Decompression Versus Two-Level TLIF in Degenerative Lumbar Disease"
Jae Chul Lee, Joonghyun Ahn, Sijohn Hong, Jae-Wan Soh, Byung-Joon Shin
The 11th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2011)
Busan, Korea

29. " Survivorship Analysis of Adjacent Segment after Lumbar Spinal Fusion – Comparison of PLIF and PLF –."
Jae Chul Lee, Jae-Wan Soh, Byung-Joon Shin
The 26th Annual Meeting of North American Spine Society 2011
Chicago, IL
Nov 2-5, 2011

30. " Conservative Treatment of Lumbar Disc Herniation."
Ho-hyoung Lee, Jae Chul Lee, Hae-dong Jang, Byung-Joon Shin
The 26th Annual Meeting of North American Spine Society 2011
Chicago, IL
Nov 2-5, 2011

31. " Management of Osteoporotic Spine Fracture In Korea."
Symposium: Management of Osteoporotic Fracture – Osteoporosis in Asia (I)
Jae Chul Lee
Seoul Osteoporosis Forum
The Korean Society of Osteoporosis
Asan Medical Center
Seoul, Korea
Dec 11, 2011

32. " Minimally Invasive Transforaminal Lumbar Interbody Fusion : Surgical Techniques and Pitfalls" (Lecture and cadaver workshop)
Jae Chul Lee
Expanding and refining your range of skills on spine surgery
A hands-on cadaveric course
Sungkyunkwan University
Suwon, Korea
March 9-10, 2012

33. " Early Clinical Experience of Minimally Invasive Direct Lateral Lumbar Interbody Fusion"
Minimally Invasive Fusion Symposium
Jae Chul Lee
The 12th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2012)
Xian, China
August 17-18, 2012

34. " MAST™ TLIF: Approach & Interbody fusion"
"Percutaneous pedicle screw fixation: Lumbar degenerative disease"
Jae Chul Lee
Korean Fundamentals Course
Medical Education Research Institute (MERI)
Memphis, TN, USA
February 25-26, 2013

35. " Risk Factor Analysis for Adjacent Segment Pathology in 1358 Anterior, Posterior, Fusion and Non-fusion Cervical Spine Operations"
Jae Chul Lee, Sang-Hun Lee, Colleen Peters, K. Daniel Riew
The 41st Annual Meeting of Cervical Spine Research Society
Los Angeles, CA, USA
December 4-7, 2013

36. " Minimally Invasive Transforaminal Lumbar Interbody Fusion : Approach & interbody fusion." (Lecture and cadaver workshop)
Jae Chul Lee
Advances in Spine Surgery; A Hands-on Cadaveric Course
Seoul St.Mary's Hospital
Seoul, Korea

Aug 22-23, 2014

37. “Usefulness of Minimally Invasive Lateral Lumbar Interbody Fusion in the Treatment of 3- or more Segment Degenerative Lumbar Diseases”
Jae Chul Lee, Joonghyun Ahn, Sung-Woo Choi, Byung-Joon Shin
The 14th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2014)
Hualien, Taiwan
August 14-16, 2012

38. " Adjacent Segments Pathology Requiring Surgery Following Anterior Cervical Arthrodesis - Survivorship and Risk Factor Analysis of 1038 patients -"
Jae Chul Lee, Sang-Hun Lee, Colleen Peters, K. Daniel Riew
EuroSpine 2014
Lyon, France
Oct 1-3, 2014

39. " Risk Factor Analysis of Residual Low Back Pain after Decompressive Surgery for Lumbar Spinal Stenosis."
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
The 30th Annual Meeting of North American Spine Society
Chicago, IL
Oct 14-18, 2015

40. “L5-S1 Fusion Options After Multi-level Minimally Invasive Lateral Interbody Fusion; MIS TLIF, OLIF, or Open PLIF?”
Jae Chul Lee
The 15th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2015)
Daejeon, Korea
Nov 13-14, 2015

41. “Clinical and Radiologic Results of Minimally Invasive Lateral Lumbar Interbody Fusion without the use of Bone Morphogenic Protein”
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
International Society for the Advancement of Spine Surgery
Las Vegas, Nevada, USA
Apr 6-8, 2016

42. “L5-S1 Fusion Options After Multi-level Minimally Invasive Lateral Interbody Fusion of L2-5; Open PLIF, MIS TLIF, or OLIF?”
Lecture in MIS Symposium, KSSS session
Jae Chul Lee
Spineweek 2016
Marina Bay Sands Hotel, Singapore
May 16-20, 2016
43. “Early Clinical Experience of Minimally Invasive Oblique Lateral Lumbar Interbody Fusion of L5-S1” (Oral Poster Presentation)
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
The 16th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2016)
Bali, Indonesia
Aug 12-14, 2016
44. “Risk factor analysis for Predicting Vertebral body Re-collapse after Posterior fusion in Unstable T-L Burst Fractures”
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
EuroSpine 2014
Berlin, Germany
Oct 5-7, 2016
45. “Minimally Invasive Lateral Lumbar Fusion; Surgical Techniques and Clinical Application”
Jae Chul Lee
The 21st Operative Spine Course 2017
Spine Society of Thailand,
Avani Hotel, Khon Kaen, Thailand
Jan 17-20, 2017
46. “Early Clinical Experience of Minimally Invasive Oblique Lateral Lumbar Interbody Fusion of L5-S1”
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
International Society for the Advancement of Spine Surgery
Boca Raton, Florida, USA
Apr 12-14, 2017

47. “Comparison of Surgical Results between Minimally Invasive LLIF and Open PLIF in the Treatment of Single-Level Spondylolisthesis”
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
The 17th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2017)
Sapporo Japan
Jul 27-29, 2017
48. “Analysis of risk factors for early adjacent segment disease underwent revision surgery within 5 years after lumbar spinal fusion”
Jaewan Soh, Jae Chul Lee, Byung-Joon Shin
The 38th SICOT Orthopaedic World Congress
Cape Town, South Africa
Nov30-Dec 2, 2017
49. “Comparison of Minimally Invasive LLIF, Minimally Invasive TLIF and Open PLIF in the Treatment of Single-level Spondylolisthesis of L4-5”
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
International Society for the Advancement of Spine Surgery
Toronto, Canada
Apr 11-13, 2018
50. “Indirect neural decompression by minimally invasive lateral lumbar interbody fusion”
Jae Chul Lee
Invited lecture, Annual Meeting of Instructional Course in Spine
Association of Spine Surgeons of India
Amritsar, Punjab, India
Aug 9-11, 2018
51. “Is routine use of a drain really necessary for the spinal surgery?”
165 consecutive cases of PLIF without Drain
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Chungwon Bang,
Jae-Wan Soh, Byung-Joon Shin, Deokwon Kang, Hyeung-Kyu Cho
International Society for the Advancement of Spine Surgery
Anaheim convention center, California, USA
Apr 3-5, 2019
52. “AOSpine Advanced Level Regional Anatomical Specimen Course

– Case-based Deformity
Lecture and cadaver lab instructor
Jae Chul Lee
AOSpine Asia Pacific
Bangkok, Thailand
July 28-29, 2019

53. “Clinical and radiological results of indirect decompression in degenerative lumbar disease with spinal stenosis”
Jae Chul Lee, Hae-Dong Jang, Sung-Woo Choi, Byung-Joon Shin
The 19th Annual Meeting of Pacific and Asian Society of Minimally Invasive Spine Surgery (PASMIS 2019)
Soochow, China
Jul 27-29, 2019
54. “Lateral Lumbar Interbody Fusion”
Jae Chul Lee
AOSpine Asia Pacific in-League Advanced Webinar
Hong-Kong & Seoul, Web Online
Sep 28, 2020.

PRESENTATIONS (KOREAN MEETINGS):

1. " Failed TKA with Titanium-Induced Tissue Response"
The 39th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 1995
2. " Fixed pelvic obliquity after poliomyelitis: classification and management."
Lee DY, Choi IH, Chung CY, Cho TJ, Lee JC
The 40th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 1996
3. " Clinical Features of Metastatic Spine tumor and Needs for Surgical Treatment "
Jae Chul Lee, Sung Wook Suh, Bong Soon Chang, Choon Ki Lee
The 17th Annual Fall Congress of the Korean Society of Spine Surgery.
Seoul, Korea.
Nov, 2000.
4. " Aspergillosis of the Thoracic Spine in Chronic Granulomatous Disease:
A Case Report" (Poster)
Jae Chul Lee, Whan Seong Cho, Dong Ho Lee, Bong Soon Chang,
Choon Ki Lee
The 17th Annual Fall Meeting of the Korean Society of Spine Surgery.
Seoul, Korea.
Nov, 2000.
5. " The Peridural Hematoma after Surgery on the Degenerative Lumbar
Spine Disease."
Bong-Soon Chang, Woo Jin Kim, Jae Chul Lee, Dong-Ho Lee,
Yong Woon Shin, Sang-Lim Lee, Choon-Ki Lee
The 18th Annual Spring Congress of the Korean Society of Spine Surgery,
Seoul, Korea.
May, 2001.
6. " Intraoperative Spinal Nerve Root Injuries during Surgery for Degenerative
Low Back Disease."
Byung-Joon Shin, Jae Chul Lee, Ki-Hoon Ryu, Ho-Won Jung, Kyung-Je Kim,
Yon-Il Kim
The 19th Annual Spring Congress of the Korean Society of Spine Surgery,
Busan, Korea.
May, 2002.

7. " Analysis of Aortic Passage in the Thoracic Region by Magnetic Resonance Imaging."
Byung-Joon Shin, Jae Chul Lee, Hyung-Keun Park, Ho-Won Jung, Kyung-Jae Kim, You-Sung Suh, Yon-Il Kim
The 46th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2002.
8. " Pyogenic Arthritis and Paraspinal Abscess Following Facet Joint Steroid Injection: A Case Report" (Poster)
Jae Chul Lee, Hyun-Woo Doh, Young-Il Cho, Kyung-Je Kim, Yon-Il Kim, Byung-Joon Shin
The 46th Annual Fall Congress of the Korean Orthopaedic Association,
Seoul, Korea.
Oct, 2002.
9. " Safety and Efficacy of Metallic Implants in the Treatments of Tuberculous Spondylitis."
Byung-Joon Shin, Jae Chul Lee, Sung-Woo Choi, Ki-Hoon Ryu, Young-Il Cho, Tae-Kyung Yoon, Kyung-Je Kim, Yon-Il Kim
The 19th Annual Fall Congress of the Korean Society of Spine Surgery,
Seoul, Korea.
Nov, 2002.
10. " Incidental Dural Tear during Posterior Surgery of Degenerative Lumbar Disease."
Byung-Joon Shin, Jae Chul Lee, Young-Il Cho, Won-Kee Choi, Il Huh, Kyung-Je Kim, Yon-Il Kim
The 20th Annual Spring Congress of the Korean Society of Spine Surgery,
Kyungju, Korea.
May, 2003.
11. " Clinical Outcome after Surgical Treatment of the Central Disc Herniation."
Jae Chul Lee, Yong-Il Cho, Jun-Seo Nam, Yon-Il Kim, Byung-Joon Shin
The 47th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2003.
12. " Anterior Decompression and Instrumentation in the Patients with Neurologically Compromised Vertebral Body Collapse After Osteoporotic Compression Fracture."
Byung-Joon Shin, Jae Chul Lee, Won-Kee Choi, Woo-Sung Park, Suk-Bong Jung, Young-Il Cho, Yon-Il Kim
The 20th Annual Fall Congress of the Korean Society of Spine Surgery,

Seoul, Korea.

Nov, 2003.

13. " Surgically Treated Painful Post-traumatic Schmorl's Nodes of Thoracic Spine; Reports of Two Cases." (Poster)
Byung-Joon Shin, Jae Chul Lee, Hwa Yong Song, Suk-Bong Jung,
Kye Won Kwon, Young-Il Cho, Yon-Il Kim
The 20th Annual Fall Congress of the Korean Society of Spine Surgery,
Seoul, Korea.
Nov, 2003.
14. " Posterior Lumbar Interbody Fusion using Rectangular Titanium Cages filled with Morselized Local Bone."
Byung-Joon Shin, Jae Chul Lee, Seok Bong Jung, Yon-Il Kim
The 48th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2004.
15. " Treatment of Lumbar Herniated Intervertebral Disc in Adolescent Non-Structural Kyphosis; A case report." (Poster)
Byung-Joon Shin, Jae Chul Lee, Young-Il Cho, Seok-Bong Jung, Yon-Il Kim
The 48th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2004.
16. " Minimally Invasive Lumbar Decompression and PLIF using Tubular Retractor: METRx & X-tube System."
Jae Chul Lee
Soonchunhyang Spine Symposium
Seoul, Korea.
Mar, 2005.
17. " Quantification of Back Muscle Alteration in Degenerative Flat Back using Digital Image Analysis."
Jae Chul Lee, Jun-Seo Nam, Yon-Il Kim, and Byung-Joon Shin
The 22th Annual Spring Congress of the Korean Society of Spine Surgery,
Jeju, Korea.
May, 2005.
18. " Clinical Results of Pedicle Screw Fixation for Degenerative Lumbar Spinal Disease: A Follow-up Study of More Than 10 Years."
Byung-Joon Shin, Jae Chul Lee, Seok-Bong Jung, Jun-Seo Nam, Yon-Il Kim
The 22th Annual Spring Congress of the Korean Society of Spine Surgery,
Jeju, Korea.

May, 2005.

19. " Percutaneous Endoscopic Lumbar Discectomy via Interlaminar Approach."
Byung-Joon Shin, Jae Chul Lee, Jun-Seo Nam, Yon-Il Kim
The 49th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2005.
20. " Gorham's Disease Misdiagnosed as Simple Compression Fracture in the Thoracic Spine." (Poster)
Jae Chul Lee, Byung-Joon Shin, Jun-Seo Nam, Yon-Il Kim
The 49th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2005.
21. " Rosai-Dorfman Disease occurred in Epidural space of the Thoracic Spinal Canal; A Case Report." (Poster)
Byung-Joon Shin, Jae Chul Lee, Jun-Seo Nam, Yon-Il Kim
The 49th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2005.
22. " Changes of Clinical Result in the Degenerative Low Back Disease Patients Treated by Spinal Fusion."
Byung-Joon Shin, Jae Chul Lee, Jun-Seo Nam, Yon-Il Kim
The 49th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct, 2005.
23. " Percutaneous endoscopic lumbar discectomy by interlaminar approach."
Jae Chul Lee
SNU orthopedic update, Seoul National University Hospital
Seoul, Korea.
Jan 22, 2006.
24. " TLIF & Sextant pedicle screw insertion using METRx MAST technique."
Jae Chul Lee
Cadaver workshop of Korean Society of Spine Surgery, Severance hospital
Seoul, Korea.
Feb 5, 2006.
25. " More than 5 year-Follow-Up After Pedicle screw Fixation and Fusion for Isthmic Spondylolisthesis."
Jae Chul Lee, Wha Yong Song, Han Woong Je, Soo Jin Yoon, Yon-Il Kim,

- Byung-Joon Shin
The 23th Annual Spring Congress of the Korean Society of Spine Surgery
Phoenix Park, Korea.
May 26, 2006.
26. " Calcium Pyrophosphate Dihydrate Crystal Deposition Disease in the Cervical Ligamentum Flavum - A Case Report - "(Poster)
Jae Chul Lee, Seok-Ha Hwang, Yon-Il Kim, Byung-Joon Shin
The 50th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct 18-21, 2006.
27. " Congenital Absence of a Pedicle of L4 in the Spinal Stenosis - A Case Report - "(Poster)
Byung-Joon Shin, Jae Chul Lee, Wha Yong Song, Woo Suk Choi, Yon-Il Kim
The 50th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct 18-21, 2006.
28. " Calcium Pyrophosphate Dihydrate Crystal Deposition Disease in the Cervical Ligamentum Flavum - A Case Report - "(Poster)
Byung-Joon Shin, Jae Chul Lee, Wha Yong Song, Suk Ha Hwang, Yon-Il Kim
The 23th Annual Fall Congress of the Korean Society of Spine Surgery
Seoul, Korea.
Nov 24, 2006.
29. " Congenital Absence of a Pedicle of L4 in the Spinal Stenosis - A Case Report - "(Poster)
Byung-Joon Shin, Jae Chul Lee, Wha Yong Song, Woo Suk Choi, Yon-Il Kim
The 23th Annual Fall Congress of the Korean Society of Spine Surgery
Seoul, Korea.
Nov 24, 2006.
30. Pros and Cons debate on the treatment of cervical radiculopathy
"Locking Plate and Bone graft."
Jae Chul Lee
The 24th Annual Spring Congress of the Korean Society of Spine Surgery
Daegu, Korea.
May 25-26, 2007.
31. " A Prospective Comparison Of Magnetic Resonance or Computed Tomographic Grading versus Histological Grading Of Facet Joint Degeneration - In The Lumbar Fusion Candidates -"
Jae Chul Lee, Jang Kyu Cha, Jae wan Soh, Byung-Joon Shin, Yon-Il Kim

- The 24th Annual Spring Congress of the Korean Society of Spine Surgery
Daegu, Korea.
May 25-26, 2007.
32. " Analysis of Risk factors of Adjacent Segment Degeneration after Fusion with Pedicle Screw Fixation for Degenerative Lumbar Disease - More than 5 year-Follow-Up - "
Jae Chul Lee, Jae wan Soh, Suk Ha Hwang, Soo Jin Yoon, Byung-Joon Shin
The 24th Annual Spring Congress of the Korean Society of Spine Surgery
Daegu, Korea.
May 25-26, 2007.
33. " Unilateral Undercutting Laminoplasty in the Treatment of Lumbar Spinal Stenosis - Comparison with Conventional Bilateral Partial Laminectomy- "
Jae Chul Lee
The 51th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct 18-19, 2007.
34. " Kyphoplasty using calcium phosphate cement in the osteoporotic compression fracture. "
Jae Chul Lee
The 51th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea.
Oct 18-19, 2007.
35. " Comparative Analysis of Surgical Options in the Treatment of Lumbar Degenerative Kyphosis "
Byung-Joon Shin, Jae Chul Lee, Jae wan Soh, Soo Jin Yoon, Yon Il Kim
The 24th Annual Fall Congress of the Korean Society of Spine Surgery
Seoul, Korea.
Nov 30, 2007.
36. " Minimally invasive transforaminal lumbar interbody fusion & percutaneous pedicle screw instrumentation. - Technical Tips and Complications - "
Jae Chul Lee
The 4th Art and practices in spinal disorder, GS medical workshop
Lotte Hotel, Seoul, Korea.
Nov 3, 2007.
37. " Is Transfusion Inevitable For Spinal Surgeries? "
Jae Chul Lee
Korean research society of transfusion alternatives,
Soonchunhyang University Hospital, Seoul, Korea.

Dec 22, 2007.

38. " The challenges and pitfalls in expanding MIS experience"
Jae Chul Lee
Satellite meeting of Medtronic during APSAS
COEX Intercontinental Hotel Moderate Room, Seoul, Korea.
Jan 17, 2008.
39. " More Than 5 Year Follow-Up of Thoracolumbar Fractures Treated
By Pedicle Screw Fixation"
Jae Chul Lee, Jae-Wan Soh, Joo-Hyoung Jo, Yon-Il Kim, Byung-Joon Shin
The 25th Annual Spring Congress of the Korean Society of Spine Surgery
Seoul, Korea.
Apr 4, 2008
40. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with
Percutaneous Pedicle Screw Fixation."
Jae Chul Lee
2008 SNU orthopedic update, Seoul National University Hospital
Seoul, Korea.
August 10, 2008.
41. " Foraminotomy, Laminoplasty, Laminectomy.”
Jae Chul Lee
Instructional Course Lecture, Cervical Spine
Korean Society of Spine Surgery
Seoul, Korea
Sep 27, 2008
42. " Analysis of Prognostic Factors After Open Discectomy for Lumbar Disc
Herniation.”
Byung-Joon Shin, Jae Chul Lee, Min-Soo Kim, Su-Jin Yun, and Yon-Il Kim
The 51th Annual Fall Congress of the Korean Orthopaedic Association
Seoul, Korea
Oct 17, 2008
43. " Result of minimum 2 year follow-up after lumbar interlaminar PELD"
Byung-Joon Shin, Jae Chul Lee
The 25th Annual Fall Congress of the Korean Society of Spine Surgery
Seoul, Korea.
Nov 28, 2008
44. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with
Percutaneous Pedicle Screw Fixation.”

Jae Chul Lee
ICL and Cadaver Workshop for Minimally Invasive Spine Surgery
Korean Society of Spine Surgery
Severance Hospital, Yonsei University Medical College
Seoul, Korea
Dec 13, 2008

45. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation." –Details and Pitfalls –
Jae Chul Lee
Soonchunhyang Spine Symposium
Soonchunhyang Hospital
Seoul, Korea
Mar 20, 2009

46. " Surgical Tips in Minimally Invasive Transforaminal Lumbar Interbody Fusion."
Jae Chul Lee
ICL, Minimally Invasive Spine Surgery
Korean Society of Spine Surgery
Samsung Medical Center
Seoul, Korea
July 5, 2009

47. "Analysis of Learning Curve for Minimally Invasive Transforaminal Lumbar Interbody Fusion"
Jae Chul Lee, Byung-Joon Shin, Hae-Dong Chang, Yon-Il Kim
The 53rd Annual Fall Congress of the Korean Orthopaedic Association
Grand Hilton Hotel
Seoul, Korea.
Oct 15-17, 2009.

48. " Minimally Invasive Transforaminal Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation."
Jae Chul Lee
Orthopedic Seminar, Department of Orthopedics
Seoul National University Hospital
Seoul, Korea
Oct 29, 2009

49. "Controversies in the Surgical Treatment of Lumbar Disc Herniation"
Jae Chul Lee
Soonchunhyang Spine Symposium, "All about Lumbar Disc Herniation"
Soonchunhyang University Hospital
Seoul, Korea
Mar 19, 2010

50. "Significance of Disc Degeneration in Low-Dysplastic Spondylolisthesis Combined with Spondylolysis"
Byung-Joon Shin, Jae Chul Lee, Ho-Hyoung Lee, Hae-Dong Jang
The 55th Annual Fall Congress of the Korean Orthopaedic Association
Grand Hilton Hotel
Seoul, Korea.
Oct 14-16, 2010.

51. "Efficacy of Unilateral Minimally Invasive TLIF for Patients Having Bilateral Leg Symptom"
Jae Chul Lee, Ho-Hyoung Lee, Hyoung-Mo Koo, Byung-Joon Shin
The 55th Annual Fall Congress of the Korean Orthopaedic Association
Grand Hilton Hotel
Seoul, Korea.
Oct 14-16, 2010.

52. "Traumatic Spondylolisthesis of C2 Combined with Odontoid Base Fracture - A Case Treated by C2 Pedicle Screws and C3 Lateral Mass Screws -"
(Poster presentation)
Jae Chul Lee, Ho-Hyoung Lee, Kang-Hee Park, Byung-Joon Shin
The 55th Annual Fall Congress of the Korean Orthopaedic Association
Grand Hilton Hotel
Seoul, Korea.
Oct 14-16, 2010.

53. "Lumbar MIS pedicle screw fixation." (Lecture and cadaver workshop)
Jae Chul Lee
The 1st Inha University Hands-On Cadaver Course for Spine Surgeons
Inha University
Incheon, Korea
Oct 23, 2010

54. " Cervical case panel discussion"
Jae Chul Lee
Kyunghee University Spine Update
Kyunghee University Hospital
Seoul, Korea
Nov 12, 2010

55. " Current Issues of Minimally Invasive Transforaminal Lumbar Interbody Fusion."
Jae Chul Lee
The 27th Annual Fall Congress of the Korean Society of Spine Surgery
Seoul, Korea.
Nov 26, 2010

56. " Minimally Invasive Fusion for Lumbar Spinal Stenosis"
Jae Chul Lee
The 7th Soonchunhyang Spine Symposium, "All about Lumbar Spinal Stenosis"
Soonchunhyang University Hospital
Seoul, Korea
Mar 18, 2011

57. " What Can We Do In Spine Fusion For Prevention of ASD?"
In the Symposium of Adjacent Segment Disease After Spinal Fusion
Jae Chul Lee
The 28th Annual Spring Congress of the Korean Society of Spine Surgery
Busan, Korea.
May 28, 2011

58. " Result of Spinal Surgery in the Patients Having End-Stage Renal Disease Undergoing Hemodialysis"
Byung-Joon Shin, Jae Chul Lee, Hyung-Mo Koo, Sijohn Hong, Su-Jin Yoo
The 28th Annual Spring Congress of the Korean Society of Spine Surgery
Busan, Korea.
May 28, 2011

59. " Minimally Invasive Spine Surgery"
Jae Chul Lee
Instructional Course Lecture for Orthopedic Surgeons
Korean Orthopedic Association

Grand Hilton Hotel
Seoul, Korea
June 26, 2011

60. “Minimally Invasive TLIF Combined With Adjacent Level Decompression Versus Two-Level TLIF in Degenerative Lumbar Disease”
Jae Chul Lee, Joonghyun Ahn, Sijohn Hong, Jae-Wan Soh, Byung-Joon Shin
The 56th Annual Fall Congress of the Korean Orthopaedic Association
Grand Hilton Hotel
Seoul, Korea.
Oct 13-15, 2011.
61. “Physical Examination of Patients Having Spinal Disease”
Jae Chul Lee
Instructional Course Lecture of the Korean Society of Spine Surgery
Samsung Medical Center Auditorium,
Seoul, Korea.
Oct 29, 2011.
62. “Burst Fracture and Dural Tear with or without Nerve Rootlet Entrapment in the Laminar Fracture”
Jae Chul Lee
The 8th Soonchunhyang Spine Symposium, “All about Thoracolumbar Fractures”
Soonchunhyang University Hospital
Seoul, Korea
Mar 16, 2012
63. “Minimally Invasive Lumbar Fusion -TLIF & DLIF-”
In Lumbar Fusion Symposium
Jae Chul Lee
The 29th Annual Spring Congress of the Korean Society of Spine Surgery
Daejeon, Korea.
May 25-26, 2012
64. “Lumbar Decompression using Tubular Retractor”
Young Surgeon Course
: Principles of Minimally Invasive Decompression & Fixation
Jae Chul Lee
Korea University

Seoul, Korea.
September 28, 2013

65. “Correction of Adult Spinal Deformity Using MIS Lateral Lumbar Interbody Fusion (DLIF or XLIF) -Background and Indication- ”
In MIS Symposium
Jae Chul Lee
The 30th Annual Fall Congress of the Korean Society of Spine Surgery
Grand Hilton Hotel, Seoul, Korea
November 22, 2013

66. “Blood Management for Spinal Surgery - Intraoperative Methods -”
Jae Chul Lee
The 10th Soonchunhyang Spine Symposium,
“Total care of patients for spine surgery”
Soonchunhyang University Hospital
Seoul, Korea
Mar 21, 2014

67. “Pseudarthrosis of Thoracolumbar Spine -Clinical Manifestation & Diagnosis-”
In Pseudarthrosis Symposium
Jae Chul Lee
The 31th Annual Spring Congress of the Korean Society of Spine Surgery
Songdo Convencia, Incheon, Korea
May 22-24, 2014

68. “Physical Examination of Patients Having Spinal Disease”
Jae Chul Lee
Instructional Course Lecture of the Korean Society of Spine Surgery
Asan Medical Center Auditorium,
Seoul, Korea.
Oct 25, 2014.

69. “Bilateral "over the top" decompression through unilateral laminotomy”
Jae Chul Lee
The 10th Kyung Hee University Spine Update,
“MUST-HAVE knowhow in spinal surgery”
Kyung Hee University Hospital
Seoul, Korea

Nov 7, 2014

70. “What’s the adequate surgical indications for MIS Lumbar spine Fusion: Lateral lumbar interbody fusion+Percutaneous pedicle screw fixation ”
In MIS Symposium
Jae Chul Lee
The 31th Annual Fall Congress of the Korean Society of Spine Surgery
Grand Hilton Hotel, Seoul, Korea
Nov 21, 2014

71. “Minimal Invasive Fusion: TLIF”
AOSpine Advances Video Seminar
Jae Chul Lee
Yonsei University Gangnam Severance Hospital
Seoul, Korea.
Dec 7, 2014

72. “Minimal Invasive Options for Interbody Fusion: TLIF, DLIF”
Young Surgeon Course with Cadaveric workshop
Jae Chul Lee
Korea University
Seoul, Korea.
Dec 13, 2014

73. “Pseudarthrosis and screw/rod breakage”
Jae Chul Lee
Bundang Seoul National University Spine Symposium
Seoul National University Bundang Hospital, Seongnam, Korea
March 21, 2015

74. “Revision surgery for FBSS, When?”
Jae Chul Lee
The 26th Annual Congress of the Korean Society of Spinal Pain Society
Seoul National University Hospital, Seoul, Korea
April 19, 2015

75. “Lower Cervical Spine Injury”
Jae Chul Lee

- Instructional Course Lecture of the Korean Society of Spine Surgery
St. Mary Medical Center Auditorium,
Seoul, Korea.
Oct 24, 2015.
76. “Direct Lateral Interbody Fusion”
Jae Chul Lee
AOSpine Advanced Video Symposium
Soon Chun Hyang University Hospital,
Seoul, Korea.
Nov 7, 2015.
77. “L5-S1 Fusion Options After Multi-level Minimally Invasive Lateral Interbody Fusion; MIS TLIF, OLIF, or Open PLIF?”
In MIS Symposium
Jae Chul Lee
The 32th Annual Fall Congress of the Korean Society of Spine Surgery
Grand Hilton Hotel, Seoul, Korea
Nov 20, 2015
78. " Minimally Invasive Direct Lateral Interbody Fusion."
Jae Chul Lee
Lecture and Cadaver Workshop for Minimally Invasive Spine Surgery
Korean Society of Spine Surgery
Severance Hospital, Yonsei University Medical College
Seoul, Korea
Dec 15, 2015
79. " Indications and Techniques for Circumferential Approaches to Spinal Deformity: DLIF and OLIF”
Jae Chul Lee
Seoul St. Mary’s Hospital Spine Center Symposium 2016
Seoul St. Mary’s Hospital
Seoul, Korea
Mar 4, 2016
80. “ACDF with plate/cage”
Jae Chul Lee
AOSpine Principles Symposium Daegu
Daegu Catholic University Medical Center,

Daegu, Korea.
Mar 5, 2016.

81. “Pedicule screw fixation: thoracic and lumbar / Iliac screw fixation, Percutaneous lumbar screw fixation”
Jae Chul Lee
AOSpine Advanced Level Specimen Course Seoul
Yonsei University Severance Hospital,
Seoul, Korea.
May 7-8, 2016.

82. “Spino-pelvic parameter in adult spinal deformity”
Eulji Spine Symposium
Jae Chul Lee
Eulji University Hospital,
Daejeon, Korea.
Dec 3, 2016.

82. “Introduction of the New AOSpine T-L Fracture Classification System”
AOSpine Advanced Course
Jae Chul Lee
Samsung Medical Center,
Seoul, Korea.
May 13-14, 2017.