대한척추외과학회
KOREAN SOCIETY OF SPINE SURGERY



The 33rd Fall Congress
Korean Society of Spine Surgery
제33차 대한척추외과학회 추계학술대회

November 18(Fri), 2016
Seoul Grand Hilton Hotel Convention Center

■ 서울특별시 강남구 언주로 211 (도곡동) 강남세브란스병원 1동 7층 정형외과학교실 대한척추외과학회
■ TEL: 02-2019-3413 ■ FAX: 02-573-5393 ■ E-mail: korspine@naver.com

인 사 말

존경하는 대한척추외과학회 회원 여러분!

대한척추외과학회는 1984년 창립되어 1회 학술대회를 개최한 이래 회원 여러분의 적극적인 참여와 공헌으로 30여년간 대한민국의 국민의 척추 건강을 책임지는 대표적인 학회로서 명성을 이어오고 있습니다. 또한 대한척추외과학회는 국내뿐만 아니라 국제적인 학회로 발전하고 있습니다.

의료계의 전반적인 많은 어려움에도 불구하고 올해에도 수준 높은 많은 연구 성과를 발표하고 공유하여 회원 상호간에 연구 의욕을 고취하고 대한민국 척추외과학의 발전에 소중한 기회가 되기를 바랍니다. 또한 학문적 교류뿐만 아니라 회원 상호간의 친목의 장이 될 수 있기를 기대합니다.

대한척추외과학회 회장 **김 환 정**

PROGRAM SUMMARY

Time	A Room	B Room
07:55-08:00	Opening Address	
08:00-09:30	Spine Pain	Spine Osteoporosis
09:30-09:50	Coffee Break	
09:50-12:00	Spinal Deformity	Minimally Invasive Surgery
12:00-12:15	Business Meeting	
12:15-13:10	Luncheon Symposium	
13:10-14:20	Basic Science	Spinal Cord
14:20-16:30	Cervical Spine	Lumbar Spine
16:30-16:50	Coffee Break	
16:50-18:40	Plenary Session	
18:40-18:45	Closing Remark	
18:45-18:50	Group Photo	
18:50-	Dinner	

Room A

Spine Pain

08:00-08:40 The purpose of spinal intervention
Moderator: (Eulji Univ.) Whoan Jeang Kim
(Ulsan Univ.) Chung-Hwan Kim

08:00-08:10 For the self-limiting disease entity (non-surgical subjects)
(Kyung Hee Univ.) Yong-Chan Kim

08:10-08:20 For the progressive disease entity (sometimes surgical subjects)
(Ulsan Univ.) Jae-Hwan Cho

08:20-08:30 As a palliation of various conditions (incurable subjects)
(Seoul Bohun Hosp.) Youngbae B. Kim

08:30-08:40 *Discussion*

08:40-09:10 1. Safety of spinal intervention
Moderator: (Ajou Univ.) Chang-Hoon Jeon
(Namkise Hosp.) Ki Se Nam

08:40-08:52 Patient's aspect
(Hanam Sungshim Hosp.) Dae-Hee Kim

08:52-09:04 Doctor's aspect
(Sun's Orthopaedic Clinic) Seung Deok Sun

09:04-09:10 *Discussion*

09:10-09:30 2. Pain management under a special condition
Moderator:

09:10-09:25 Pain of osteoporosis
(Seoul Sacred Heart General Hosp.) Dong Ki Ahn

09:25-09:30 *Discussion*

09:30-09:50 *Coffee break*

Room B

Spine Osteoporosis

08:00-08:40 Osteopenia
Moderator: (Keimyung Univ.) Chul-Hyung Kang
(Inha Univ.) Kyu Jung Cho

08:00-08:08 Clinical significance of Osteopenia
(Yeson Hosp.) Sang Ik Shin

08:08-08:16 Sarcopenia & Osteopenia
(Inje Univ.) Jin Hwan Kim

08:16-08:24 Spine fracture & Osteopenia
(Catholic-Kwandong Univ.) Byung Ho Lee

08:24-08:32 Treatment of Osteopenia
(Chonnam National Univ.) Hyoungyeon Seo

08:32-08:40 *Discussion*

08:40-09:00 Hot topic of Osteoporosis
Moderator: (Hanyang Univ.) Ye-Soo Park

08:40-08:55 Treatment Failure
(Kyung Hee Univ.) Ho Yeon Chung

08:55-09:00 *Discussion*

09:00-09:30 Treatment of Osteoporosis
Moderator: (Dong-A university) Kyu Yeol Lee
(Hallym Univ.) Young-Woo Kim

09:00-09:06 2016 골다공증 보험 기준
(Soonchunhyang Univ.) Chang Hwa Hong

09:06-09:12 Customized treatment of Osteoporosis
(Incheon Medical Center) Min Seok Kim

09:12-09:18 Treatment duration & drug holiday
(Inje Univ.) Jung Hoon Kim

09:18-09:24 New drugs for Osteoporosis
(Soonchunhyang Univ.) Jae Chul Lee

09:24-09:30 *Discussion*

09:30-09:50 *Coffee break*

Room A

Spinal Deformity

09:50-10:55 Surgical Technique for Adult Spine Deformity
Moderator: (Soonchunhyang Univ.) Eung Ha Kim
(Chungbuk National Univ.) Dong Soo Kim

09:50-10:00 Pre and peri operative care for surgery of adult spine deformity (Inje Univ.) Sung Soo Kim

10:00-10:10 How to minimize the blood loss (Korea Univ.) Jae Hyuk Yang

10:10-10:20 How to enhance the fixation stability (Catholic Univ.) Ki Ho Na

10:20-10:30 Role of OLIF & DLIF in adult spine deformity surgery and its complications (Catholic Univ.) Young Hoon Kim

10:30-10:40 Role of posterior osteotomy in adult spine deformity (Kyung Hee Univ.) Jung Hee Lee

10:40-10:55 *Discussion*

10:55-12:00 Revision Surgery for Adult Spine Deformity
Moderator: (Catholic Univ.) Kee Yong Ha
(Inje Univ.) Jin-Hyok Kim

10:55-11:00 Introduction (Inje Univ.) Jin-Hyok Kim

11:00-11:10 Revision surgery for proximal junctional kyphosis (Sungkyunkwan Univ.) Chong-Suh Lee

11:10-11:20 Revision surgery for iatrogenic flat back (Inha Univ.) Kyu Jung Cho

11:20-11:30 Revision strategies for complications and failure of vertebroplasties (Ajou Univ.) Nam Su Chung

11:30-11:40 Revision strategies for pseudarthrosis accompanying broken pedicle screws and failed cages (Inje Univ.) Dong-Ju Lim

Room B

Minimally Invasive Surgery

09:50-10:30 Cutting Edge of Endoscopic Spine Surgery
Moderator: (Jeonju Korea Hosp.) Keun Ho Park
(Daejeon Centum Hosp.) Youk Sang Kwon

9:50-10:00 Introduction & Application for Lumbar Disc Herniation (Chungnam National Univ.) Ho-Jin Lee

10:00-10:10 Techniques & Application for Lumbar Spinal Stenosis (Jinju Barun Hasp.) Dae Jung Choi

10:10-10:20 Percutaneous Full-Endoscopic Lumbar Interbody Fusion (Suwon Shin Hosp.) Kyung Hyun Shin

10:20-10:30 *Discussion*

10:30-11:10 Avoiding Complication of MIS lateral access surgery
Moderator: (Kyung Hee Univ.) Ki Tack Kim
(Hanyang Univ.) Chang-Nam Kang

10:30-10:40 How to avoid complications in revisional lumbar spine surgery using OLIF, DLIF, and percutaneous pedicle screws (Korea Univ.) Jae-Young Hong

10:40-10:50 How to avoid neural complication (Jeju National Univ.) Jun-Yeong Seo

10:50-11:00 How to avoid other complications; cage subsidence, vascular injury, internal organ injury (Sungkyunkwan Univ.) Sejun Park

11:00-11:10 *Discussion*

11:10-12:00 5-minutes talk and 2-minutes discussion
Moderator: (Hallym Univ.) Seok Woo Kim
(Gachon Univ.) Deuk Soo Jun

11:10-11:17 Cortical bone trajectory instrumentation for the surgical treatment of lumbar infectious spondylodiscitis (Catholic Univ.) Kee-Won Rhyu

11:17-11:24 Inappropriate indication for cortical bone screw fixation (National Health Insurance Medical Center) Yung Park

11:24-11:31 Transforaminal PELD; technical tips to prevent complications (Himnaera Hosp.) Moon Chan Kim

Room A

11:40-12:00 Case discussion (Inje Univ.) Jin-Hyok Kim

12:00-12:15 Business meeting

12:15-13:10 Luncheon symposium

Basic Science

13:10-14:20 Recent trend of biomechanics for spinal pathology
Moderator: (Kwangju Christian Hosp.) Yong-Soo Choi
(Seoul National Univ.) Jae Hyup Lee

13:10-13:21 Spinal kinematics using biplanar fluoroscopy
(Chung-Ang Univ.) Kwang-Sup Song

13:21-13:32 Biomechanics for disc & soft tissue
(Hallym Univ.) Jae-Hyuk Shin

13:32-13:43 Biomechanics for spinal column & spinal skeleton (Hallym Univ.) Tae-Hwan Kim

13:43-13:54 Finite element model
(Seoul National Univ.) Ho-Joong Kim

13:54-14:09 New trend & research update
(DanKook Univ.) Young Eun Kim

14:09-14:20 *Discussion*

Cervical Spine

14:20-14:40 Surgical Technique
Moderator: (Ewha Womans Univ.) Dong Jun Kim
(Ulsan Univ.) Dong-Ho Lee

14:20-14:27 Midline splitting laminoplasty of C1
(Seoul National Univ.) Jin S. Yeom

14:27-14:34 Internal fixation technique for C1 ring fracture
(Yonsei Univ.) Kyung-Soo Suk

14:34-14:40 *Discussion*

Room B

11:31-11:38 What will be proper indication of DLIF?
(Soonchunhyang Univ.) Jaewan Soh

11:38-11:45 Mini-TLIF using moving window technique
(Choi's Hosp.) Yong-Gi Choi

11:45-11:52 Application of minimally invasive technique in thoracolumbar fracture
(Yonsei Univ.) Jae-Ho Yang

11:52-11:59 Translaminar microdiscectomy for lumbar disc herniation in the "Hidden Zone"
(Hallym Univ.) Eun-Min Seo

12:15-13:10 Luncheon symposium (+General assembly)

Spinal Cord

13:10-14:20 Medicolegal problems related with spinal surgery
Moderator: (Wonkwang Univ.) Dae Moo Shim
(Kangwon National Univ.) Woo-Dong Nam

13:10-13:20 Neurologic complications after spine surgery
(Seoul Medical Center.) Seong Kee Shin

13:20-13:45 Medical opinions
(Korea Medical Dispute Mediation and Arbitration Agency.)
Ki Ser Kang

13:45-14:10 Leagal opinions
(Korea Medical Dispute Mediation and Arbitration Agency.)
Hee-Seok Lee

14:10-14:20 *Discussion*

Lumbar Spine

14:20-15:10 Back muscle and back pain
Moderator: (Soonchunhyang Univ.) Byung-Joon Shin
(Seoul National Univ.) Bong-Soon Chang

14:20-14:30 Back muscle in normal condition (anatomy, physiology and training)
(Chosun Univ.) Hong-Moon Sohn

14:30-14:40 Changes in back muscles as a result of pain or degeneration
(Gwangmyeong Sungae Hosp.) Seung-Hwan Lee

Room A

14:40-15:20 In-depth review of lower cervical injury
Moderator: (Chonbuk National Univ.) Kyung-Jin Song
(Bundang Jesaeng Hosp.) Young Sang Lee

14:40-14:50 Cervical facet fracture
(Dankook Univ.) Sung-Hyun Yoon

14:50-15:00 Facet dislocation (Ulsan Univ.) Jung-Ki Ha

15:00-15:10 Cervical cord injury
(Daejeon Sun General Hosp.) Jong Won Kang

15:10-15:20 *Discussion*

15:20-15:50 Posterior decompression of cervical myelopathy for the patients with mild kyphosis
Moderator: (Catholic Univ.) Jong-Beom Park
(Deajeon Centum Hosp.) Taek soo Jeon

15:20-15:25 Case Presentation
(Catholic Univ.) Jong-Beom Park

15:25-15:35 Laminoplasty is enough
(Kyung Hee Univ.) Kyung-Chung Kang

15:35-15:45 Laminectomy and instrumented fusion is necessary (Yeungnam Univ.) Gun Woo Lee

15:45-15:50 *Discussion*

15:50-16:30 Differential diagnosis of cervical radiculopathy and myelopathy
Moderator: (Busan Korea Hosp.) Han Chang
(Chungnam National Univ.) Jae-Sung Ahn

15:50-16:00 What disorders mimik cervical radiculopathy?
(Kangwon National Univ.) Je-Min Yi

16:00-16:10 What disorders mimik cervical myelopathy?
(Dongguk Univ.) Jae Jun Yang

16:10-16:20 Pearls and tips for differential diagnosis
(Daegu Catholic Univ.) Sang Bong Ko

16:20-16:30 *Discussion*

Room B

14:40-14:50 Relationship between back muscle changes on imaging and pathology or spinal alignment
(Busan Mary's Hosp.) Seong Jun Ahn

14:50-15:00 Modulation of back muscle as a treatment of spinal pain (Catholic Univ.) Soo-An Park

15:00-15:10 *Discussion*

15:10-16:00 Degenerative disc disease
Moderator: (Hallym Univ.) Ho-Geun Chang
(Ewha Womans Univ.) Young-Do Koh

15:10-15:20 Introduction: Natural history of DDD
(Seonam Hosp.) Young Soo Jang

15:20-15:30
- Relationship between clinical findings of lumbar spinal degenerative change and imaging findings
- Pros and Cons debate for intra-discal procedure for IDD

(Sungkyunkwan Univ.) Hun-Kyu Shin

15:30-15:40 Pros (Gyeongsang National Univ.) Dong-Hee Kim

15:40-15:50 Cons (Korea Univ.) Si Young Park

15:50-16:00 *Discussion*

16:00-16:30 Kummell's disease
Moderator: (CHA Univ.) Dong-Eun Shin
(Wonkwang Univ.) Tae Kyun Kim

16:00-16:07 Overview of Kummell's disease
(Busan Bon Hosp.) Sang-Hoon Ha

16:07-16:17 Cement augmentation for treatment of Kummell's disease
(Bundang Jesaeng Hosp.) Hwa-Yeop Na

16:17-16:27 Surgical reconstruction for the treatment of Kummell's disease
(Konyang Univ.) Sang-Bum Kim

16:27-16:30 *Discussion*

16:30-16:50 *Coffee break*

Room A

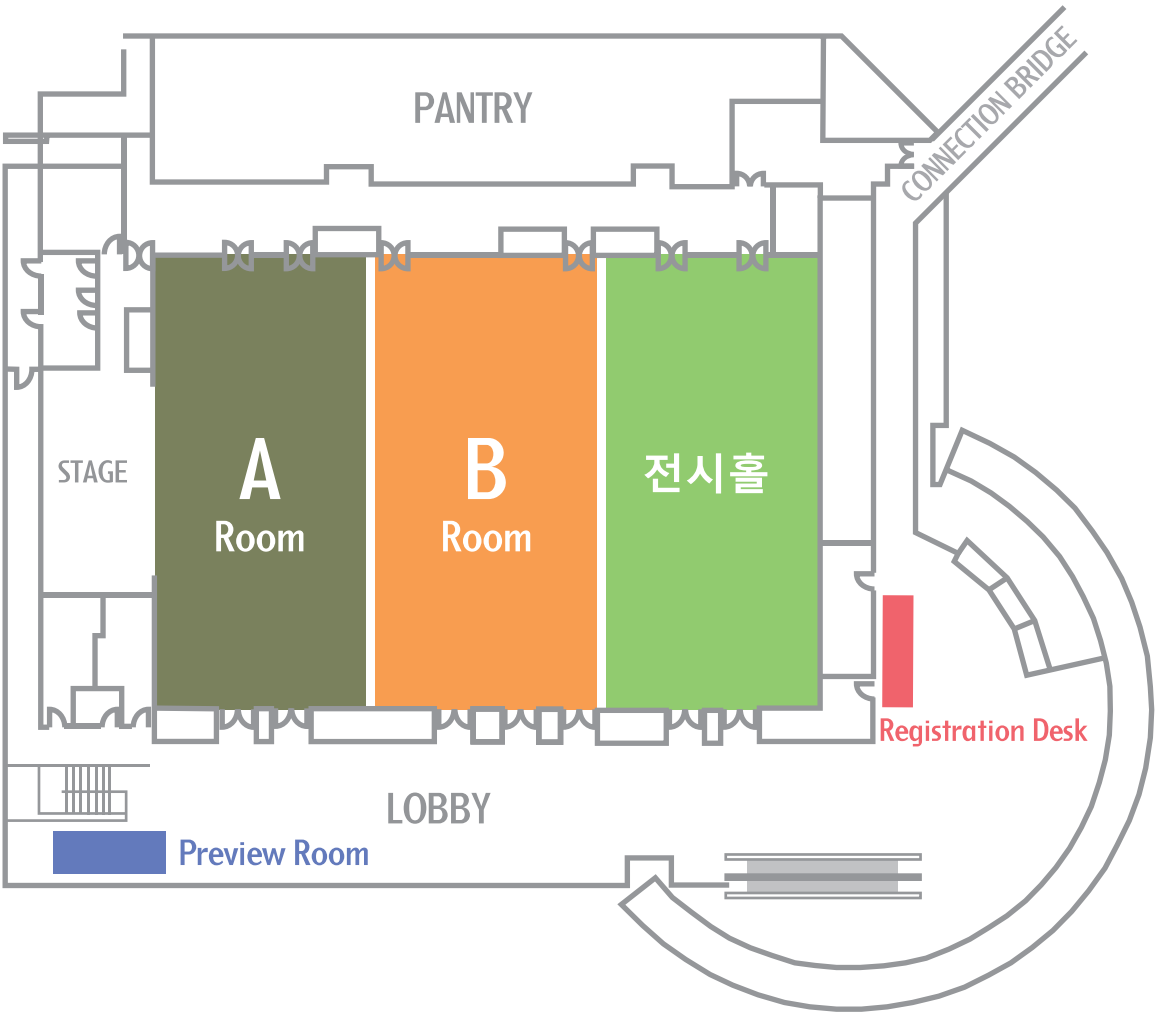
Room B

Plenary Session

16:50-17:15	Invited Lectur	Moderator: (Eulji Univ.) Whoan Jeang Kim
16:50-17:10	Occification of Posterior Longitudinal Ligament (OPLL) President of the Korean Spinal Neurosurgery Society	(Yonsei Univ.) Yong Eun Cho
17:10-17:15	*Discussion*	
17:15-18:40	Spine fusion	Moderator: (Catholic Univ.) Kee Yong Ha
17:15-17:25	Intro	Moderator
17:25-17:40	Remodeling of the graft bone	(Seoul National Univ.) Jae Hyup Lee
17:40-17:55	Local bone vs Iliac crest bone graft for fusion in the lumbar spine	(Inje Univ.) Jin-Hyok Kim
17:55-18:10	Biologics for spine fusion	(Catholic Univ.) Young Hoon Kim
18:10-18:30	3-D printing for application of the spinal surgery: Up-to-date	(Ulsan Univ.) Nam Kug Kim
18:30-18:40	*Discussion*	
18:40-18:45	Closing Remark	
18:45-18:50	Group photo	
18:50	Dinner	

학술대회장 안내

▶ 서울 그랜드힐튼호텔 컨벤션센터 4층



Room A

Spine Pain, Spinal Deformity, Basic Science, Cervical Spine

Room B

Spine Osteoporosis, Minimally Invasive Surgery, Spinal Cord, Lumbar Spine

등록 안내

사전등록 마감일 2016년 10월 31일 (월) ~ 11월 15일 (화)

▶등록비

구 분	회 원	비회원의사	전공의, 군의관 및 간호사
사 전 등 록	50,000원	70,000원	40,000원
현 장 등 록	60,000원	80,000원	50,000원

▶연수 평점 : 6점

▶사전등록비 입금안내

은행계좌 : 우리은행 1005-101-891183 예금주 : 대한척추외과학회

▶10월 31일 학회 홈페이지 (www.spine.or.kr)의 학술대회 안내창으로 들어가셔서 사전등록 해주십시오.

·유선 전화나 FAX 등록은 받지 않습니다.

·사전등록비 입금은 참가자의 이름으로 송금해주시기 바랍니다.

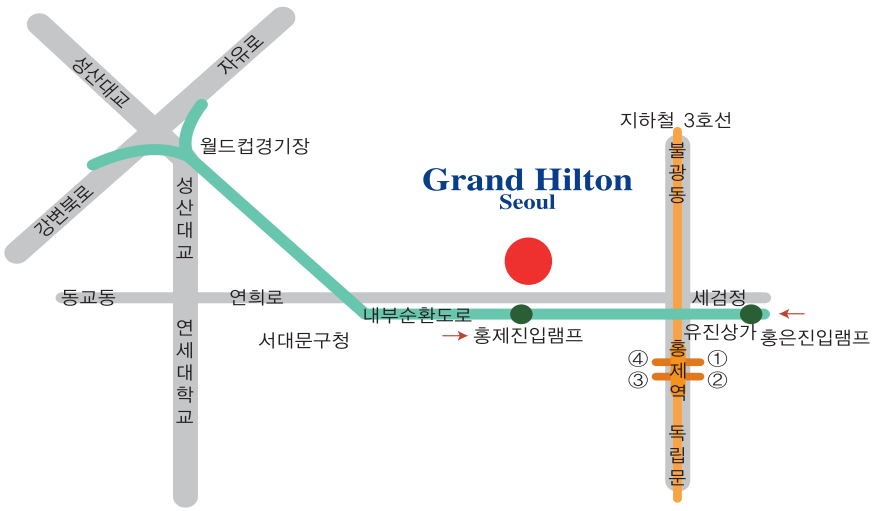
·사전등록비 입금 확인 E-mail을 받지 못하신 경우에는 반드시 학회사무실로 연락 바랍니다.

▶문의사항

·Tel: 02-2019-3413

·E-mail : korspine@naver.com

찾아오시는 길



▶행사장 위치

주 소 : 서울특별시 서대문구 연희로 353

대표전화 : 02-3216-5656