The 22nd Annual Meeting of Japan Society for the Study of Surgical Technique for Spine and Spinal Nerves (JPSTSS)

Program
18 ~ 19 September 2015

18 September (Fri.)
Main Hall 1

7:30 Registration
7:55 ~ 8:00

~ Opening Remarks ~
President Takashi Yamazaki, M.D.
8:00 ~ 8:50 (50min.)

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[Orthopedic Department, Takii Hospital Kansai Medical University, Moriguchi, Osaka]

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[Spine Unit, Bordeaux University Hospital, Department of Orthopedic Surgery, Bordeaux, France]

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Spine Leader's Lecture A (Postgraduate Lecture of JOA)
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Chairperson Katsuji Shimizu, M.D.

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Announcement of President-elect
Izumi Koyanagi, M.D.
(Department of Neurosurgery, Hokkaido Neurosurgical Memorial Hospital, Sapporo, Hokkaido)

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Masafumi Machida, M.D. (Head of Clinical Research Center, Murayama Medical Center, Tokyo)
Symposiasts : Khaled M Kebaish, M.D. (Professor of Orthopedic Surgery, Johns Hopkins Hospital, Baltimore, USA)
Ibrahim Obeid, M.D. (Associate Professor of Orthopedic Surgery Bordeaux University Hospital, Bordeaux, France)
Pedro Berjano, M.D. (Head, IVth Spine Surgery Division Instituto Ortopedico Galeazzi, Milano, Italy)
Shigeo Sano, M.D. (Director of Spine Center, Sanraku Hospital, Tokyo)
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Hisaaki Uchikado, M.D.
(Uchikado Neuro-Spine Clinic, Fukuoka, Fukuoka)

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**<Spine and spinal cord tumor ① >**

**Chairpersons**  Takahiro Hozumi, M.D., Toru Maruyama, M.D.

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(Department of Spinal Surgery, Kameda Medical Center, Kamogawa, Chiba)

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(Neurosurgical Department, Spine Center, Kamagaya General Hospital, Kamagaya, Chiba)

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18 September (Fri.)

16:15 ~ 17:15 (60min.)

Hands-on Session 1

Chairperson  Tokumi Kanemura, M.D.
Expert Tips & Techniques in Sacropelvic Fixation
by Khaled M Kebaish, M.D. (Johnson & Johnson K.K. DePuy Synthes Spine)

Hands-on Session 2

Percutaneous Pedicle Screw Fixation for MISt Procedures
by Ken Ishii, M.D. (KYOCERA Medical Corporation)
Main Hall 1

7:30 Registration
8:00 ~ 9:00 (60min.)

Morning Seminar 1
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Chairpersons Nobuhiro Hara, M.D.

**MS-1**
Masafumi Machida, M.D. (National Institute Bone and Musculoskeletal Disorders, Murayama Medical Center, Musashi-Murayama, Tokyo)
Trabecular bone structure analysis of the spine using clinical multidetector computed tomography (MDCT): Can it predict vertebral bone strength, and evaluate therapy response in osteoporosis? 105 (Asahi KASEI Pharma Corporation)

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Chairpersons Masahito Hara, M.D., Youichi Aota, M.D.

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(Orthopedic Department, Nagoya Daini Red Cross Hospital, Nagoya, Aichi)

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(Department of Neurosurgery, Inazawa Municipal Hospital, Inazawa, Aichi)
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(Department of Orthopedic Surgery, Kochi Health Sciences Center, Kochi, Kochi)

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(Department of Orthopedic Surgery, Kochi Health Sciences Center, Kochi, Kochi)

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11 : 15 ~ 11 : 20  Break 5min.
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Luncheon Seminar 3
(Postgraduate Lecture of JOA)
Chairperson  Koji Sato, M.D.

[LS-3] Akira Shinohara, M.D. (The Jikei University Daisan Hospital Orthopaedics)
MISt (Minimally Invasive Spine Stabilization) and its application
from MIS TLIF to minimally invasive lateral corpectomy
Stryker Japan K.K.

12 : 25 ~ 13 : 25  (Luncheon Seminar 4 of Main Hall 2 page 92)
13 : 25 ~ 13 : 30  Break 5min.
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Spine Leader’s Lecture F (Postgraduate Lecture of JOA)
13 : 30 ~ 14 : 00 (30min.)
Chairperson  Akiyoshi Yamazaki, M.D.
[SLL-F-1] Eiji Abe, M.D. (Department of Orthopaedic Surgery, Keio University School of Medicine, Shinjuku-ku, Tokyo)
Comparison between multilevel XLIF and multilevel PLIF in the
correction surgery for adult spine deformity
Mizuho Ink.

14 : 00 ~ 14 : 30 (30min.)
Chairperson  Masatoshi Washimi, M.D.
[SLL-F-2] Jean-Paul Steib, M.D. (Spine Surgery Department, University Hospital of Strasbourg, Strasbourg, France)
Artificial disc, regular and new indications for cervical spine surgery:
the French and US experiences at five years follow up
LDR Asia Pacific
14:30～15:30 (60min.)

Spine Leader’s Lecture H (Postgraduate Lecture of JOA)

14:30～15:00 (30min.)
Chairperson Yusuke Nakao, M.D.

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Ibrahim Obeid, M.D. (Orthopedic Surgery, Bordeaux University Hospital, Bordeaux, France)
New method of PSO for adult spinal deformity  148

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Chairperson Takeshi Umebayashi, M.D.

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Pedro Berjano, M.D. (IRCCS Instituto Ortopedico Galeazzi, Milano, Italy)
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(Department of Spine Surgery, Tokyo Yamate Medical Center, Shinjuku-ku, Tokyo)

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(Department of Spinal Surgery, Kameda Medical Center, Kamogawa, Chiba)

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(Department of Spine and Orthopaedic Surgery, Japanese Red Cross Medical Center, Shibuya-ku, Tokyo)

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(Department of Orthopaedic Surgery, Nagasaki Rosai Hospital, Sasebo, Nagasaki)
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[Department of Orthopaedics Surgery, Musashino Red Cross Hospital, Musashino, Tokyo]

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[Orthopaedic Department, Gifu Prefectural General Medical Center, Gifu, Gifu]

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[Neurosurgical Department, Inazawa City Hospital, Inazawa, Aichi]

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[Saku Central Hospital Advanced Care Center, Saku, Nagano]

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[Orthopedic Department, Higashiyaamato Hospital, Higashiyaamato, Tokyo]

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[Orthoedic Department, Nagasaki Rosai Hospital, Sasebo, Nagasaki]
Surgical results of minimally invasive spinal fusion for lumbar degenerative spondylolisthesis—mini-open TLIF vs XLIF + PPS—

Yutaka Kono, M.D., et al.

[Department of Spine Center, Chiba Central Medical Center, Chiba, Chiba]

Indirect Decompression effect of XLIF for the Lumbar Degenerative Disorders

Nobutaka Sentsui, M.D., et al.

[Department of Spine Center, Chiba Central Medical Center, Chiba, Chiba]

17:40 ~ 18:10 (30min.)

President Lecture

President  Takashi Yamazaki, M.D.

Novel surgery and surgical exceptionalism

18:10 ~ 18:15

~ Closing Remarks  ~

President  Takashi Yamazaki, M.D.
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8:00 ~ 9:00 (60min.)

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Chairpersons  Hideki Oota, M.D.

MS-2 Kazuhiro Hasegawa, M.D. [Niigata Spine Surgery Center, Niigata, Niigata]
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10:15 ~ 10:45 (30min.)
Chairperson: Junichi Kunogi, M.D.

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Nobuhiko Haga, M.D. (Department of Rehabilitation Medicine, The University of Tokyo,
Bunkyo-ku, Tokyo)

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#### SLL-E-2
Atsushi Seichi, M.D. (Department of Orthopaedic Surgery, Mitsui Memorial Hospital,
Chiyoda-ku, Tokyo)

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spine and spinal cord tumors ....................................................... 137
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Chairperson Takashi Yamazaki, M.D.

**LS-4**  
Shigenori Kawabata, M.D. [Department of Advanced Technology in Medicine, Graduate School, Tokyo Medical and Dental University, Bunkyo-ku, Tokyo]  
Electrophysiological diagnosis and intraoperative monitoring for spinal cord and spinal nerves

12:25 ~ 13:25  
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13:25 ~ 13:30  
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13:30 ~ 15:00 (90min.)

Spine Leader’s Lecture G (Postgraduate Lecture of JOA)

13:30 ~ 14:00 (30min.)
Chairperson Shigeru Hirabayashi, M.D.  
**SLL-G-1**  
Sakae Tanaka, M.D. [Department of Orthopaedic Surgery, The University of Tokyo, Bunkyo-ku, Tokyo]  
Osteoporosis treatment using anabolic agents

14:00 ~ 14:30 (30min.)
Chairperson Takashi Yamazaki, M.D.  
**SLL-G-2**  
Masato Takahashi, M.D. [Orthopaedic Surgery, Kyorin University School of Medicine, Mitaka, Tokyo]  
Intra-operative spinal cord monitoring and electrophysiological level diagnosis
14:30 ~ 15:00 (30min.)  
Chairperson  
Katsushi Takeshita, M.D.  

**SLL-G-3**  
Hirotaka Chikuda, M.D.  
[Department of Orthopaedic Surgery, the University of Tokyo, Bunkyo-ku, Tokyo]  
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15:00 ~ 15:15  
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15min.  

15:15 ~ 15:45 (30min.)  

--- Friendship Lecture ---  

15:15 ~ 15:30 (15min.)  
Chairperson  
Masafumi Machida, M.D.  

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A. Jay Khanna, M.D.  
[Department of Orthopaedic Surgery, Johns Hopkins University, Maryland, USA]  
Strategies for Fixation in the Osteoporotic Spine  
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15:30 ~ 15:45 (15min.)  
Chairperson  
Kiyoshi Kumano, M.D.  

**FL-2**  
Ronald J. Sabitzer, M.D.  
[Orthopedic Department, Otto Wagner Hospital, Vienna, Austria]  
EF-LIF: Extraforaminal-facetectomy LIF and a new intervertebral cage design  
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Chairpersons  
Kiyoshi Ito, M.D., Toshihiro Takami, M.D.  

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[Department of Orthopaedic Surgery, Keiyu Hospital, Yokohama, Kanagawa]  

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[Department of Orthopaedic Surgery, Iwai Orthopaedic Medical Hospital, Edogawabaru, Tokyo]
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(Clinical Research Center, NHO Murayama Medical Center, Musashimurayama, Tokyo)

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(Department of Neurosurgery, Tokyo Metropolitan Neurological Hospital, Fuchu, Tokyo)

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(Department of Spinal Surgery, Kameda Medical Center, Kamogawa, Chiba)

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19 September (Sat.)

Main Hall 3

7:30  Registration

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8:00 ~ 9:00  (Morning Seminar 2 of Main Hall 2 page 90)
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9:05 ~ 10:05  (60min.)

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(Orthopedic Department, Tokyo Dental College Ichikawa General Hospital, Ichikawa, Chiba)

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Expansive open-door laminoplasty for compressive cervical myelopathy Surgical procedures and associated problems
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