

# Time Table

6 September (Fri.)

Room 1	Room 2
10F Room1003	10F Room1001
8:20	
8:25	
8:30	8:30
Symposium 1 New technology in spine surgery Chairpersons: Koji SATO, Toshihiro TAKAMI S1-1 Yuichiro ABE S1-2 Satoshi MAKI S1-3 Masahito HARA S1-4 Toshihiro TAKAMI S1-5 Koji SATO S1-6 Yoshiharu NAKAYA	Spine Leader's Lecture 1 1000 cases of microsurgical anterior cervical Foraminotomy (MacF) for cervical radiculopathy SLL1-1 Naoto TSUCHIYA Chairperson: Kiyoshi KUMANO How to calculate the accurate correction angle of kyphosis in an adult spine deformity, considering compensation mechanism and reciprocal change - The advanced Sanraku Formula - SLL1-2 Shigeo SANNO Chairperson: Nobuhiro HARA N-7, SS
10:00	9:30 9:35
10:40	Spine Leader's Lecture 2 Corrective fixation surgery using multi-level PLIF for adult spinal deformity SLL2-1 Eiji ABE Chairperson: Kei MIYAMOTO Indication and long-term follow-up study of chemonucleolysis with condilase after clinical trials of condilase for lumbar disc herniation SLL2-2 Yukihiro MATSUYAMA Chairperson: Atsushi NAKANO N-7, SS
11:40	10:35 10:40
Instructional Lecture 1 Relationship between quality of life and radiology: Is the optimal deformity correction the best treatment? IL1 Louis BOISSIERE Chairperson: Yusuke NAKAO N-7, SS	Free Papers 1 Cervical and thoracic spine F1-1~F1-8 Chairperson: Toshikatsu MAMADA
12:00	11:40
Luncheon Seminar 1 Laminoplasty using suture anchors for cervical spondylosis and spinal cord tumors LS1 Kazutoshi HIDA Chairperson: Koichi SAIRYO N-7, SS	12:00 Luncheon Seminar 2 Computer aided surgical resection and reconstruction of spinal tumors LS2 Jianru XIAO Chairperson: Hideki OTA N-7, SS
13:00	12:00
13:05	13:00
13:20	13:25
13:30	13:25
General Assembly	Main Theme 3 New technology in spine surgery① MT3-1~MT3-7 Chairperson: Nobuyuki SHIMOKAWA
Symposium 2 <English Session> Correction of spinal deformity considering global spinal alignment Chairpersons: Hiroshi MIYAMOTO, Kazuhiro HASEGAWA S2-1 Christopher P. AMES S2-2 Kazuhiro HASEGAWA S2-3 Yusuke NAKAO S2-4 Hiroshi MIYAMOTO S2-5 Naohisa MIYAKOSHI S2-6 Louis BOISSIERE S2-7 Michael A. RAUSCHMANN	14:25 Main Theme 5 New technology in spine surgery② MT5-1~MT5-8 Chairperson: Takanori SAITO
15:30	14:25
15:40	15:30
Free Papers 4 Cervical spine F4-1~F4-8 Chairperson: Eiichiro HONDA	15:40 Tea Time Seminar 1 Surgical strategy for elderly spinal deformity with osteoporotic vertebral fracture TTS1 Yukihiro MATSUYAMA Chairperson: Ichiro BABA N-4, 7, SS
16:40	16:40
16:45	16:45
Spine Leader's Lecture 4 Anterior cervical decompression with fusion and interbody cage SLL4-1 Kenichiro SAKAI Chairperson: Hisanori MIHARA Future development of anterior cervical decompression and fusion SLL4-2 Masahito HARA Chairperson: Hisanori MIHARA N-7, SS	17:45 Spine Leader's Lecture 5 Cervical disc replacement : Mobile core technology SLL5 Joseph Ming Kuen LAM Chairperson: Masakazu TAKAYASU N-7, SS
17:45	17:45
17:50	17:50
Spine Leader's Lecture 6 Adult spinal deformity SLL6-1 Michael A. RAUSCHMANN Chairperson: Katsushi TAKESHITA Spinal surgery in the latest hybrid navigation operating room SLL6-2 Jun TAKAHASHI Chairperson: Masahito HARA N-7, SS	17:50 Spine Leader's Lecture 7 The key role of augmented intelligence in the future of adult deformity treatment SLL7 Christopher P. AMES Chairperson: Tomoaki TOYONE N-7, SS
18:50	18:50
19:15~	
Banquet	

Room 3	Room 4	Room 5	Exhibition Hall
10F Room1002	10F Room1006	10F Room1007	10F Room1004+1005, 1008, 1009
8:30 Main Theme 1 Technical tips① MT1-1~MT1-8 Chairperson: Bungo OTSUKI	8:30 Hands-on Session 1 Advanced expandable technology, and its surgical technique. HO1 Takuya NUMASAWA Chairperson: Sadahiko KONISHI N-7, SS	8:30 Short talk 1 Lumbar and sacral spine ST1-1~ST1-10 Chairperson: Takashi FUJISHIRO	8:30
9:40 9:45 Spine Leader's Lecture 3 Instrumentation-related complications after spinal surgery in adult spinal deformity SLL3-1 Keishi MARUO Chairperson: Mamoru KAWAKAMI Navigation-assisted spinal surgery in the hybrid operating room SLL3-2 Ryoji YAMASAKI Chairperson: Mamoru KAWAKAMI N-7, SS	9:30 1:00 Hands-on Session 2 Tips and tricks for discectomy and endplate preparation in lumbar interbody fusion. HO2 Mitsuru TAKEMOTO N-7, SS	9:30 9:40 Short talk 2 Complications ST2-1~ST2-10 Chairperson: Kanji MORI	
10:45 10:50 Main Theme 2 Technical tips② MT2-1~MT2-6 Chairperson: Shigeru HIRABAYASHI	1:00	10:40 10:50 Short talk 3 Chiari malformation ST3-1~ST3-8 Chairperson: Shigeo UEDA	
11:40		11:40	
12:00 Luncheon Seminar 3 Experience of intra laminar and trans foraminal endoscopic spine surgery -Navigation technology for endoscopic spine surgery (intracs)- LS3 Jiao-Chao YANG Chairperson: Takuya NIKAIIDO N-7, SS			
13:00			Industrial / Academia Exhibition
13:25 Main Theme 4 Chiari malformation and syringomyelia MT4-1~MT4-7 Chairperson: Minoru HOSHIMARU	13:30 Free Papers 2 Anterior cervical fusion F2-1~F2-7 Chairperson: Atsuomi AIBA	13:30 Short talk 4 Endoscopic surgery / Infection ST4-1~ST4-10 Chairperson: Masateru NAGAE	
14:25 14:30 Main Theme 6 Spine and spinal cord tumors MT6-1~MT6-7 Chairperson: Makoto TANIGUCHI	14:25 14:30 Free Papers 3 Complications F3-1~F3-8 Chairperson: Yukoh OHARA	14:30 14:40 Short talk 5 Cervical spine ST5-1~ST5-9 Chairperson: Toshiya TACHIBANA	
15:30	15:30	15:30	
15:40 Tea Time Seminar 2 Technical development of balloon kyphoplasty for early stage osteoporotic vertebral fracture TTS2 Yukihiro NAKAGAWA Chairperson: Kenichiro YAMAGISHI N-4, 7, SS	15:40 Free Papers 5 Lateral interbody fusion F5-1~F5-9 Chairperson: Futoshi SUETSUNA	15:40 15:45 Short talk 6 Spinal cord herniation / Tetherd cord syndrome ST6-1~ST6-10 Chairperson: Yasushi FUJIWARA	
16:40	16:45	16:45	
16:45 Main Theme 7 Adult spinal deformity① MT7-1~MT7-7 Chairperson: Hideo HOSOE	Free Papers 6 Osteoporosis F6-1~F6-8 Chairperson: Hidetomi TERAI	16:55 Short talk 7 Thoracic spine ST7-1~ST7-9 Chairperson: Naohisa MIYAKOSHI	
17:45	17:45	17:50	
17:50 Spine Leader's Lecture 8 Development and refinement of calcium phosphate cement - Its clinical application to spine surgery - SLL8-1 Ryuichi TAKEMASA Chairperson: Futoshi SUETSUNA Challenging to metastatic spinal tumors SLL8-2 Kazuo NAKANISHI Chairperson: Koji SATO N-7, SS	17:50 Main Theme 8 Technical tips③ MT8-1~MT8-7 Chairperson: Satoru SHIMIZU	17:50	18:30
18:50	18:50		
19:15~ Banquet			

7 September (Sat.)

Room 1	Room 2
10F Room1003	10F Room1001
	8:15
	Free Papers 7 Cervical spine trauma etc. F7-1~F7-8 Chairperson: Shinsuke SUZUKI
8:50	9:15
Symposium 3 Chiari malformation and syringomyelia Chairpersons: Izumi KOYANAGI, Hitoshi KONO S3-1 Izumi KOYANAGI S3-2 Hiroki OHASHI S3-3 Yukoh OHARA S3-4 Motoo KUBOTA S3-5 Kentaro NAITO S3-6 Toshiki SAITO	Instructional Lecture 2 Cervical nerve root block and ultrasound-guided needle technique in hand surgery IL2 Yasuaki NAKANISHI Chairperson: Takashi YAMAZAKI N-7, 10, SS
10:20	10:20
10:30	10:25
Symposium 4 Metastatic vertebral tumor Chairpersons: Norio KAWAHARA, Yasuaki TOKUHASHI S4-1 Hirohisa KATAGIRI S4-2 Jianru XIAO S4-3 Takahiro HOZUMI S4-4 Reiko IMAI S4-5 Kenichiro KAKUTANI S4-6 Hideki MURAKAMI	Spine Leader's Lecture 9 Correction surgery for adult spinal deformity using C-MIS technique SLL9-1 Takanori SAITO Chairperson: Eiji ABE Lumbar intervertebral fixation with titanium fiber mesh spacer -An advanced material which have high affinity and low elasticity- SLL9-2 Kazuyuki FUKUSHIMA Chairperson: Nobuhiro HARA N-7, SS
12:00	11:25
	11:30
	Instructional Lecture 3 Lateral skull base approach for pathologies of the craniocervical junction IL3 Masahiko WANIBUCHI Chairperson: Masashi NEO N-7, SS
	12:30
	12:50
	Luncheon Seminar 4 Usefulness of titanium implant for cervical laminoplasty - Focusing on combined usage with foraminotomy - LS4 Akiyoshi YAMAZAKI Chairperson: Futoshi SUETSUNA N-7, SS
14:00	13:50
Instructional Lecture 4 Application of oblique lateral lumbar interbody fusion for osteoporotic case and revision spinal fusion IL4 Joseph Ming Kuen LAM Chairperson: Shunsuke FUJIBAYASHI N-7, SS	14:00
15:00	Spine Leader's Lecture 10 History of scoliosis brace and recommendation of night brace SLL10-1 Yoshihiro SEMOTO Chairperson: Kenta FUJIWARA Mid-term and long-term clinical results of non-fusion stabilization for degenerative lumbar diseases SLL10-2 Hideki OTA Chairperson: Toshitaka YOSHII N-7, SS
15:10	15:00
Closing Remarks / Commendation for the best presentations	

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10F Room1002	10F Room1006	10F Room1007	10F Room1004+1005, 1008, 1009
8:15 Main Theme 9 Adult spinal deformity② MT9-1~MT9-7 Chairperson: Masafumi MACHIDA	8:15 Hands-on Session 3 Prestige LP™ total disc replacement -Indication and surgical techniques- HO3 Toshiko INUI Chairperson: Junichi MIZUNO Surgical instruction: Nobuyuki SHIMOKAWA N-7, SS	8:15 Hands-on Session 4 Total disc replacement (Mobi-C) -Basic techniques and pitfalls- HO4 Ken ISHII Chairperson: Masakazu TAKAYASU N-7, SS	8:15
9:15 9:20 Main Theme 10 Technical tips④ MT10-1~MT10-7 Chairperson: Masao KODA	9:45	9:45	
10:20 10:25 Main Theme 11 Technical tips⑤ MT11-1~MT11-7 Chairperson: Akiyoshi YAMAZAKI	10:30 Hands-on Session 5 The technique of ultrasound observation of cervical nerve roots and brachial plexus HO5 Yasuaki NAKANISHI Manabu MAEDA Keisuke MASUDA Chisato WATANABE Kenta FUJIWARA N-7, 8, SS	10:30 Hands-on Session 6 Fundamental bone drilling techniques for practical spinal surgery HO6 Nobuyuki SHIMOKAWA N-7, SS	Industrial / Academia Exhibition
11:25 11:30 Main Theme 12 Adult spinal deformity③ MT12-1~MT12-7 Chairperson: Shiro IMAGAMA	12:30	12:30	
12:50 Luncheon Seminar 5 Knack and pitfall of instrumentation surgery for the cervical spine LS5 Hiroshi MIYAMOTO Chairperson: Masatoshi SUMI N-7, SS			
13:50 14:00 Spine Leader's Lecture 11 Neuropathic pain mechanisms and treatment SLL11-1 Takahiro USHIDA Chairperson: Hitoshi HASE Ultrasound-guided cervical facet block for cricked neck SLL11-2 Manabu MAEDA Chairperson: Yasuaki NAKANISHI N-7, SS	14:00 Main Theme 13 Technical tips⑥ MT13-1~MT13-7 Chairperson: Kenichi WATANABE	14:00 Free Papers 8 Complications F8-1~F8-8 Chairperson: Takamitsu TOKIOKA	14:00
15:00	15:00	15:00	