

Time Table

3 September (Fri.)

Room 1	Room 2	Room 3
1F Annex Hall 2	1F RoomC-1	1F RoomC-2
8:15 Opening Remarks		
8:30 Symposium 1 Diagnosis and treatment of nonspecific low back pain Chairs : Nachiro KAWAMURA, Hitoshi HASE S1-1 Eiichi MURAKAMI S1-2 Masaaki PAKU S1-3 Takashi KOBAYASHI S1-4 Takashi MORISHITA	8:30 Spine Leader's Lecture 1 Chair : Toshihiro TAKAMI The basic concept of posterior lumbar interbody fusion SLL1-1 Takafumi INOUE Applied techniques of lumbar posterior fusion surgery SLL1-2 Kenji FUKAYA	8:30 Main Theme 2 Short fusion for adult spinal deformity MT2-1~MT2-5 Chairs : Hiroshi YAMADA, Hideki MURAKAMI
10:00	9:30 Spine Leader's Lecture 2 Chair : Futoshi SUETSUNA Surgery for Cervical Spine Diseases and the Use of Basket Plates SLL2-1 Takeshi UMEBAYASHI Clinical use and application of Laminoplasty Basket SLL2-2 Takuya NUMASAWA 7.8, SS	9:10 Main Theme 3 Challenges to intractable diseases MT3-1~MT3-8 Chairs : Kenichiro SAKAI, Masashi YAMAZAKI
10:20 Debate 1 Myelopathy due to cervical disc hernia-merits and demerits of various surgical procedures- Chairs : Kazutoshi HIDA, Yoshiyasu ARAI D1-1 Hisanori MIHARA D1-2 Kei MIYAMOTO D1-3 Yasushi FUJIWARA D1-4 Masahito HARA	10:40 Spine Leader's Lecture 3 Chair : Yo KUMANO 180 cases of Microsurgical anterior cervical transtomy (MacS) for cervical radiculopathy SLL3 Naoto TSUCHIYA 7.8, SS	10:45 Main Theme 4 Measures for complications of adult spinal deformity MT4-1~MT4-7 Chairs : Yukihiro MATSUYAMA, Hirotaka HARO
11:50	11:50 Spine Leader's Lecture 4 Chair : Yo KUMANO Tips and pitfalls of decompression surgery for metastatic spinal tumor SLL4 Nobuhiro HARA 7.8, SS	11:50
12:10 Luncheon Seminar 1 Chair : Tokumi KANEMURA Robotic-assisted spine surgery LS1 Tutomu AKAZAWA	12:10 Luncheon Seminar 2 Chair : Takanori SAITO Up to date of neuropathic pain caused by spinal disorders: Be aware of Mechanism Based Treatment LS2 Takuya NIKAIDO 7.8, SS	12:10 Luncheon Seminar 3 Chair : Hirotaka HARO Mesenchymal stem cell therapy for spinal cord injury: present and future LS3 Toshihiko YAMASHITA 7.1, SS
13:10 13:15 General Assembly	13:10	13:10
13:30 Presidential Lecture Chair : Hideki OHTA My approach to minimally invasive spinal surgery: history of MIS techniques and the future development PL Takanori SAITO		
14:00 14:10 Symposium 2 Surgical strategy for Difficult-to-treat Thoracic OPLL Chairs : Norio KAWAHARA, Katsushi TAKESHITA S2-1 Masashi YAMAZAKI S2-2 Satoshi KATO S2-3 Kei MIYAMOTO S2-4 Shiro IMAGAMA S2-5 Toshiyuki TAKAHASHI	14:10 Tea Time Seminar 2 Chair : Masahiro HOSHINO Avoidance of lumbar plexus injury in lateral lumbar spine surgery TTS2 Hidetoshi NOJIRI 7.8, SS	14:10 Tea Time Seminar 4 Chair : Muneharu ANDO Imaging of neural activity in the whole spine by magnetospinoigraphy TTS4 Shigenori KAWABATA 7.8, SS
15:40 15:50 Tea Time Seminar 1 Chair : Takanori SAITO Surgical treatment for thoracolumbar spinal deformity in patients with Parkinson's disease TTS1 Eiji ABE 7.1,3, SS	15:10 15:20 COVID-19の正しい知識-医療従事者による感染対策の基本- 前編 演者:宮下 修行	15:10 15:20 Symposium 3 Controversy of lumbosacral fusion Chairs : Koji SATO, Hideki OHTA S3-1 Yoshihisa KOTANI S3-2 Kazuhiro TAKEUCHI S3-3 Takashi TOMITA S3-4 Seiji OHTORI S3-5 Yasutaka YOKOYAMA
16:50 17:00 Invited Lecture 2021 Surgical problems in the second operations for the instrumented adult spine Chair : Shigeo SANDO IS-1 Ibrahim OSEID IS-2 Pedro BERJANO Discussor : Yusuke NAKAO, Mitsuru TAKEMOTO Kei MIYAMOTO Takeshi UMEBAYASHI	15:40 15:50 Tea Time Seminar 3 Chair : Shigeo SANDO Surgical treatment of the osteoporotic spine using cementaugmented pedicle screws : A pit and knock falls TTS3 Mitsuru YAGI 7.4, SS	16:50 17:00 Symposium 4 Surgical strategy for spinal cord tumors Chairs : Nobuyuki SHIMOKAWA, Shiro IMAGAMA S4-1 Yukihiro MATSUYAMA S4-2 Kazutoshi HIDA S4-3 Toshihiro TAKAMI S4-4 Narihito NAGOSHI
18:30 18:40 Short talk 1 Hematoma/ Infection Chair : Takeshi AOYAMA	18:00 18:10 COVID-19の正しい知識-医療従事者による感染対策の基本- 後編 演者:宮下 修行	18:30 18:40 Short talk 5 Spinal cord tumor Chair : Haruo KANNO
19:25 19:30 Short talk 2 Cervical degenerative disease 1 Chair : Wataru NARITA	18:30 18:40 Short talk 3 Spinal trauma/others Chair : Masaaki IWASE	19:15 19:30 Short talk 6 Lumbar degenerative disease 2 Chair : Kotaro NISHIDA
20:05	19:20 19:30 Short talk 4 Lumbar degenerative disease Chair : Daisuke TOGAWA	20:00

Room 4	Hands-on Room 1	Hands-on Room 2	Exhibition Hall
5F Room510	5F Room501	5F Room509	1F Annex Hall 1
8:30 Free Papers 1 Cervical degenerative disease 1 F1-1~F1-10 Chairs : Hiroshi MIYAMOTO, Kiyoshi ITO	8:30 Video 1 Intractable syringomyelia (adhesive myelopathy) Chairs : Yukoh OHARA, Minoru HOSHIMARU B1-1 Hiroki OHASHI B1-2 Motoo KUBOTA B1-3 Kentaro NAITO		8:30
9:30 9:40 Free Papers 2 Lumbar degenerative disease 1 F2-1~F2-11 Chairs : Seiji OTSUKA, Muneyoshi YASUDA	10:00 Video 2 Tips for surgical approach Chairs : Takashi YAMAZAKI, Eiichiro HONDA B2-1 Nobuyuki SHIMOKAWA B2-2 Naoki ASAMI B2-3 Takamitsu TOKIOKA	10:00 Hands-on 2 Efficacy and surgical innovations with Tethering and Wiring Tape Technique using connector band system for PJK/PJF prevention Chair : Kenichi WATANABE HO2 : Katsutaka YAMADA	
10:50 11:00 Free Papers 3 Lumbar degenerative disease 2 F3-1~F3-8 Chair : Jun TAKAHASHI, Takafumi INOUE	11:50	11:30	
12:10 Luncheon Seminar 4 Chair : Kenichiro SAKAI The experience of osteoporotic vertebral fracture with atypical radiographical features LS4-1 Toshiyuki SHIRAHATA The points of successful planning and evolution of upper cervical surgery in advanced cases LS4-2 Yujiro TAKESHITA 7, SS			Industrial/Academia Exhibition
13:10	13:10		
14:10 Free Papers 4 MIS F4-1~F4-10 Chairs : Masato NAKANO, Masao UMEGAKI	15:10 15:20 Hands-on 1 Anterior cervical spine surgery using ultrasonic scalpel and porous titanium cage HO1 : Kenichiro SAKAI	15:00 Hands-on 3 PPS technique for transforaminal spinal interbody fusion with endoscopy or Mini-open Chair : Toshihiro TAKAMI HO3 : Kanji SASAKI Takaki YOSHIMIZU	
16:15 16:25 Free Papers 6 Spinal trauma F6-1~F6-10 Chairs : Shinsuke SUZUKI, Takashi ADACHI	16:10	16:00	
17:25			
18:00 Short talk 7 Cervical degenerative disease 2 Chair : Kanji MORI			17:00
18:35 18:40 Short talk 8 osteoporotic vertebral fracture Chair : Toshiya TACHIBANA			
19:20 19:30 Short talk 9 endoscopic surgery Chair : Gen INOUE			
20:10			

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8:30 Symposium 5 A didactic case experienced by legend Chairs : Takanori SAITO, Toshihiro TAKAMI S5-1 Yutaka NOHARA S5-2 Shigeo SANO S5-3 Katsuro TOMITA S5-4 Kuniyoshi ABUMI S5-5 Junichi KUNOGI	8:30 Spine Leader's Lecture 8 Chair : Shiro IMAGAMA Strategies, techniques and pitfalls in corrective surgery for cervical kyphosis deformity SLL8 Mitsuru TAKEMOTO 9:30 7.8, SS 9:40 Spine Leader's Lecture 9 Chair : Shinichiro TANIGUCHI Tricks and pitfalls of vertebral osteotomy for adult spinal deformity SLL9 Takashi KOBAYASHI 10:40 7.8, SS 10:50 Main Theme 5 Intraoperative spinal cord monitoring / neurophysiology MT5-1~MT5-5 Chairs : Muneharu ANDO, Shigenori KAWABATA 11:30 11:40 COVID-19の正しい知識 -医療従事者をする者の感染対策の基本- 前編 演者：宮下 修行	8:30 Debate 2 Fusion for lumbar degenerative disease -TLIF / PLIF vs LLIF- Chairs : Takashi TOMITA, Takamitsu TOKIOKA D2-1 Wataru NARITA D2-2 Hisanori IKUMA D2-3 Yoichi TANI D2-4 Tetsuro OHWADA 10:00 10:20 Symposium 7 Clinical fusion with other departments Chairs : Akiyoshi YAMAZAKI, Masahito HARA S7-1 Satoshi KANEKO S7-2 Mitsuru SAITO S7-3 Kimataka HASE S7-4 Eiji ABE 11:50 12:10 Luncheon Seminar 7 Chair : Ken ISHII Strategy on how to maximize the potential of the osteoporotic drug to improve outcomes in elderly patients undergoing spinal fusion LS7 Kimihiko SAWAKAMI 7.4, SS 13:20 13:20 Symposium 8 Treatment Strategy for dropped Head Syndrome Chairs : Masashi NEO, Masatoshi SUMI S8-1 Nobuo KOHARA S8-2 Ken ISHII S8-3 Hiroshi MIYAMOTO S8-4 Yoshifumi KUDO S8-5 Tetsuryu MITSUYAMA 14:50 15:00 Main Theme 7 Secret tips for spine surgery MT7-1~MT7-7 Chairs : Toshiniko INUI, Masato TANAKA 16:00 16:10 COVID-19の正しい知識 -医療従事者をする者の感染対策の基本- 後編 演者：宮下 修行
10:30 Spine Leader's Lecture 5 Chair : Takeshi MAEDA Prevention and treatment for surgical site infection in neurospinal surgery SLL5 Yuichiro OHNISHI 7.8, SS 11:20 Spine Leader's Lecture 6 Chair : Hiroaki NAKAMURA Slow fusion in spinal fusion surgery for degenerative lumbar disease SLL6 Hideki OHTA 7.8, SS 11:50 12:10 Luncheon Seminar 5 Chair : Takanori SAITO New Approaches to Spine Deformity Surgery LS5 Jun TAKAHASHI 7.3, SS 13:10 13:20 Spine Leader's Lecture 7 Chair : Motoo KUBOTA Clinical Usefulness of Dynamization PLIF for the treatment of lumbar degenerative diseases with severe osteoporosis SLL7 Junichi KUNOGI 7.4, SS 14:20 14:30 Symposium 6 My surgical tips for Adult spinal deformity surgery - selection of surgical procedure, correction maneuver and prevention of complication- Chairs : Masayuki ISHIIHARA, Eiji ABE S6-1 Yu YAMATO S6-2 Kentaro FUKUDA S6-3 Tomohisa HARADA S6-4 Kazuhiro HASEGAWA S6-5 Yusuke NAKAO S6-6 Masayuki ISHIIHARA 16:30 16:35 Closing Remarks	10:40 10:50 Main Theme 5 Intraoperative spinal cord monitoring / neurophysiology MT5-1~MT5-5 Chairs : Muneharu ANDO, Shigenori KAWABATA 11:30 11:40 COVID-19の正しい知識 -医療従事者をする者の感染対策の基本- 前編 演者：宮下 修行 12:00 12:10 Luncheon Seminar 6 Chair : Yoichi AOTA Tips and pitfalls of approach and hemostatic management in corrective spine surgery LS6-1 Naohiro KAWAMURA Removal of the Spinal Tumor and Hemostasis -Tips & Pitfall LS6-2 Nobuyuki SHIMOKAWA 7. SS 13:10 13:20 Spine Leader's Lecture 10 Chair : Yasuo ITO The role of pedicle screw in spinal fusion surgery SLL10 Yoshiyasu ARAI 14:20 14:30 Main Theme 6 Surgical strategy for OVF MT6-1~MT6-5 Chairs : Hitoshi KONO, Masahiro KAWANISHI 15:10 15:30 Free Papers 7 Osteoporotic vertebral fracture F7-1~F7-10 Chair : Masahiro HOSHINO Hisaki UCHIKADO 16:30	

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8:30 Free Papers 8 Cervical degenerative disease 2 F8-1~F8-10 Chairs : Katsushi TAKESHITA, Yusuke NISHIMURA 9:30 9:40 Free Papers 9 Cervical degenerative disease 3 F9-1~F9-10 Chairs : Tomohisa HARADA, Masayuki ISHIIHARA 10:40 10:50 Free Papers 10 Adult spinal deformity F10-1~F10-10 Chairs : Tokumi KANEMURA, Daisuke UMEBAYASHI 11:50 12:10 Luncheon Seminar 8 Chair : Taku SUGAWARA Three-dimensional virtual surgical simulation and the performance with patient specific three-dimensional screw guide -ATHENA Spine and Screw Guide Template system- LS8 Shuichi KANEYAMA 7.6, SS 13:10 13:20 Free Papers 11 Endoscopic surgery F11-1~F11-10 Chairs : Yasuniko NISHIMURA, Yukihiro NAKAGAWA 14:20 14:30 Free Papers 12 Tumor F12-1~F12-10 Chairs : Toshihiro TAKAMI, Takeshi ARIZONO 15:30 15:40 Free Papers 13 Surgical tips / Miscellaneous F13-1~F13-8 Chairs : Atsushi NAKANO, Shigeharu FUKAO 16:30	8:30 Hands-on 4 OLIF5 1™ Lectures and Hands-on Workshop Chair : Yoshihisa KOTANI H04-1 Shunsuke FUJIBAYASHI H04-2 Sumihisa ORITA 9:10 10:30 Hands-on 5 Let's get started for cutaneous and neurology from tomorrow Chairs : Masaaki PAKU, Haruki FUNAO H05-1 Nobuhiro SHIMADA Koichi MIZUNO H05-2 Ryo SATO H05-3 Norihiro ISOGAI H05-4 Takahiro SHIMAZAKI H05-5 Yoshikazu YANAGISAWA H05-6 Kimiaki YOKOSUKA 11:00 13:20 Video 3 My LIF Chairs : Kazuo NAKAMISHI, Akira SHINOHARA B3-2 Tokumi KANEMURA B3-3 Bungo OTSUKI B3-4 Kenji FUKAYA 14:20 14:30 Video 4 My Single-Level MIS-TLIF/PLIF Chair : Hideo HOSOE, Yoichi TANI B4-1 Yuichi TAKANO B4-2 Junichi UKAI B4-3 Hiroaki MATSUMORI B4-4 Keishi MARUO 15:40 15:50 Free Papers 14 Surgical support tools F14-1~F14-7 Chairs : Yuichi TAKANO, Takao YASUHARA 16:35	9:00 Industrial/Academia Exhibition	