



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

WORKSHOP DAY 1, Thursday, 25 October 2018

WORKSHOP : CADAVERIC - SPINE OSTEOTOMY COURSE
 DATE : October 25th, 2018
 PLACE : Airlangga Surgical Anatomy Development Center Surabaya, Indonesia.
 Course Director: Mehmet Zileli – Eko Agus Subagio

08.00 – 08.15	Registration
08.15 – 08.30	Opening
08.30 – 08.45	Principles of Sagittal and Coronal Balance
08.45 – 09.00	Thoracic and Lumbar Screw Placement
09.00 – 09.15	Sacral and Iliac Screw Placement
09.15 – 09.30	Osteotomies in Thoracolumbar Spine
09.30 – 10.00	Coffee Break
10.00 – 11.30	Cadaver Dissection 1 – Hands On Group A: Thoracic, Lumbar and Sacral Screw Insertion Group B: Spinal Osteotomies



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESCC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

11.30 – 12.30	Lunch Break
12.30 – 15.00	Cadaver Dissection 2 – Hands On Group A: Spinal Osteotomies Group B: Thoracic, Lumbar and Sacral Screw Insertion
15.00 – 15.15	Closing
16.00	Flight to Bali



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESCC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

WORKSHOP : SPINAL PAIN AND BRAIN ENDOSCOPIC CADAVER DEMONSTRATION WORKSHOP
 DATE : October 25th, 2018
 PLACE : Department Of Anatomy, Sanglah Hospital Bali, Indonesia
 Course Director: Alfred Sutrisno (Indonesia) & Sri Maliawan (Indonesia)

07.00 – 10.00	Re-registration
08.00 - 08.20	What is Lumbar Discogenic Pain Alfred Sutrisno Sim (Indonesia)
08.20 - 08.40	Lumbar Epiduroscopy TBA (South Korea)
08.40 - 09.00	Disc FX Alfred Sutrisno Sim (Indonesia)
09.00 - 09.30	Coffee Break
09.30 - 11.00	Demonstration of Lumbar Epiduroscopy TBA
11.00 - 12.30	Demonstration of Disc FX TBA
12.30 - 13.30	Lunch
13.30 - 15.00	Demonstration of Intraventricle Endoscopic Surgery Sri Maliawan (Indonesia) & Arie Ibrahim (Indonesia)
15.00 - 16.30	Demonstration of Transphenoidal Endoscopic Surgery TBA



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESG) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

Day 1, Thursday, 25 October 2018

07.00 – 10.00	Re-registration		
08.00 – 08.30	Oral Presentation 1	Oral Presentation 2	Oral Presentation 3
08.30 – 09.30			
09.30 – 10.00			
10.00 – 11.00			
11.00 – 12.00			
12.00 – 13.00			
13.00 – 14.00			
14.00 – 15.00			
15.00 – 16.00			
16.00 – 16.30			



The 5th WFNS Spine Committee Biennial Conference in conjunction with
 The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
 The 12th Asian Epilepsy Surgery Congress (AESC) and
 The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

Day 2, Friday, 26 October 2018

06.30	Re-registration		
07.00 – 08.00	Oral Presentation (Spine) 1 Moderator: Room:	Oral Presentation (Spine) 2 Moderator: Room:	Oral Presentation (Spine) 3 Moderator: Room:
08.00 – 09.00	Plenary Lecture 1 Moderator: Room: NDH 3		
08.00 – 08.15	TBA Mehmet Zileli (Turkey)		
08.15 – 08.30	Posterior Decompression and Fusion for Spondylotic Myelopathy Oscar L. Alves (Portugal)		
08.30 – 08.45	Laminoplasty Techniques for Cervical Myelopathy and Radiculopathy Junichi Mizuno (Japan)		
08.45 – 09.00	Spinal Cord Tumor PS Ramani (India)		
09.00 – 10.00	Opening Ceremony		
09.00 – 09.10	TBA – KETUA IDI BALI		
10.00 – 10.30	Coffee Break		



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESCC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

Bali 2018
 October 25th - 27th, 2018
 Bali Nusa Dua Convention Center (BNDDCC)
 Bali, Indonesia

“Meeting the Challenges Facing the Future”

UPDATE – 17 MAY

10.30 – 11.30	Plenary Lecture 2 Moderator: Room: NDH 3
10.30 – 10.45	Management of Metastatic Spinal Tumors and Compression Fractures Scott C. Robertson (USA)
10.45 – 11.00	Percutaneous Endoscopic Spinal Surgery; Possibility and Limitation Yukoh Ohara (Japan)
11.00 – 11.15	Spine Tuberculosis Djoko Riadi (Indonesia)
11.15 – 11.30	TBA Jutty Parthiban (India)
11.30 – 12.30	Lunch Symposium – Carl Zeiss Moderator: Tjokorda GB. Mahadewa (Indonesia) Room: NDH 3
11.30 – 11.50	
11.50 – 12.10	
12.10 – 12.30	Management of Brachial Plexus Injury Tjokorda GB. Mahadewa (Indonesia)
12.30 – 14.00	Friday Praying & Lunch Break



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

“Meeting the Challenges Facing the Future”

UPDATE – 17 MAY

14.00 – 15.10	SS 1 – SPINE 1: CERVICAL DEGENERATIVE Moderator: Room:	SS 2 – SPINE 2: DEFORMITY Moderator: Room:	SS 3 – VASCULAR 1: ANEURYSM Moderator: Room:	14.00 – 17.30 INDONESIAN EPILEPSY SCHOOL Moderator: Room:
14.00 – 14.10	Updates in Treatment of Cervical Spondylosis and Spinal Stenosis Ibet Marie Y. Sih (Philippines)	Lateral Approach for Stabilization and Correction of Lumbar Deformity Junichi Mizuno (Japan)	Minimally Invasive Strategies for Cerebral Aneurysm Surgery Yoko Kato (Japan)	
14.10 – 14.20	New Technique of Cervical Laminoplasty for Cervical Myelopathy Se-Hoon Kim (South Korea)	Correction and Fixation Surgery for Adult Spine Deformity with Osteoporosis Yasuhiro Nakajima (Japan)	Transpetrosal Approach for Giant Aneurysms in Posterior Fossa~Microanatomy and Actual Operative Procedures~ Kazumo Ohmori (Japan)	SESSION 1: Drug Refractory Epilepsy, How do We Diagnose DRE Zainal Muttaqin (Indonesia)
14.20 – 14.30	Management of Anterior Cervical Discectomy and Fusions Complications Scott C. Robertson (USA)	Surgery for Adult Degenerative Scoliosis Onur Yaman (Turkey)	Treatment of Unusual Internal Carotid Artery Aneurysms : Clipping and Hybrid Method Motohiro Morioka (Japan)	SESSION 2: Managing Antiepileptic Drug, Starting, Changing, and Stopping AED's Diah Minawarti (Indonesia)
14.30 – 14.40	Long-Term Follow-up of Cervical Disc Herniation George Dohrman (USA)	TBA Abd-Elhafiz Eldien (Egypt)	New Management and Strategy of Cerebral Aneurysm by Feature in Japan Fusao Ikawa (Japan)	SESSION 3: Role of Multimodality Neuroimaging Koji Iida (Japan)



The 5th WFNS Spine Committee Biennial Conference in conjunction with
 The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
 The 12th Asian Epilepsy Surgery Congress (AESC) and
 The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

UPDATE – 17 MAY

14.40 – 14.50	Treatment for Cervical OPLL Nobuyuki Shimokawa (Japan)	Osteotomies for Spinal Deformities Onur Yaman (Turkey)	TBA Setyo Widi Nugroho (TBA)	SESSION 4: EEG and Semiology in Focal or Partial Seizures M. Thohar Arifin (Indonesia)
14.50 – 15.00	TBA Agus Yuniarto (Indonesia)	Correction for Spine Deformity Tjokorda Gde Bagus Mahadewa (Indonesia)	Dual Strategy Approach for Minimally Invasive Aneurysm Surgery Asra Al Fauzi (Indonesia)	SESSION 5: Candidates for Epilepsy Surgery Ryosuke Hanaya (Japan)
15.00 – 15.10	Discussion	Discussion	Discussion	
15.10 – 16.20	SS 4 – SPINE 3: MINIMAL INVASIVE Moderator: Room:	SS 5 – SPINE 4: TUMOR Moderator: Room:	SS 6 – BRAIN 1: TUMOR Moderator: Room:	17.00 – 18.00 BUSINESS MEETING ASIAN EPILEPSY CONGRESS SURGERY (AESC) Room:
15.10 – 15.20	Short and Mid-Term Follow-up in PDS PS Ramani (India)	Metastatic Spinal Cord Compression Tumor in Cipto Mangunkusumo General Hospital Mohamad Saekhu (Indonesia)	Pituitary Tumor, All Aspect from Endocrinology to Surgery Kazunori Arita (Japan)	
15.20 – 15.30	Accurate Placement of Percutaneous Pedicle Screws without the Use of Neuronavigation/O-arm Technology and Reduction-fixation of Lumbar	Flip Osteoplastic Laminotomy Flap for Excision of Long Segment Spinal Tumours in Children Azmi Alias (Malaysia)	Surgical Urgency Grouping of Pituitary Tumor Patients Renindra Ananda Aman (Indonesia)	



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

UPDATE – 17 MAY

	Spondylolisthesis by Percutaneous Pedicle Screws and a Minimal Access approach Sujoy K. Sanyal (India)			
15.30 – 15.40	Manage Lumbar Discogenic Pain by Disc FX Alfred Sutrisno Lim (Indonesia)	Intramedullary Tumor Julius July (Indonesia)	Beyond the Pillars of Hercules: the Navigation of the Cerebral Aqueduct and the Fourth Ventricle to Manage Intraventricular Blood Clots and Arachnoid Cysts Alberto Feletti (Italy)	
15.40 – 15.50	Transforaminal Epiduroscopic Besivertebral Nerve Laser Ablation (Tebla) for Chronic Back Pain Combined with Modic Change Farid Yudhoyono (Indonesia)	Surgery of Spinal Intramedullary Tumors: Optimization of Surgical Safety and Precision Toshihiro Takami (Japan)	Treatment Strategy for Elderly Meningioma Fusao Ikawa (Japan)	
15.50 – 16.00	Percutaneous Endoscopic Spine Surgery-Our Challenges Facing the Future Yashuhiro Kitahama (Japan)	Minimally Invasive Surgery of Spine Tumors Ibet Marie Y. Sih (Philippines)	TBA Djoko Widodo (Indonesia)	
16.00 – 16.10	Low Cost Solution for Low Back Pain Percutaneous Endoscopic Lumbal Discectomy Zainy Hamzah (Indonesia)	Multisegmental Diffuse Intradural Extramedullary Spinal Tumor Tommy A. Nazwar (Indonesia)	Central Nervous System Hemangioblastomas: Clinical and Surgical Management Alberto Feletti (Italy)	



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

UPDATE – 17 MAY

16.10 – 16.20	Discussion	Discussion	Discussion	
16.20 – 17.30	SS 7 – SPINE 5: TRAUMA Moderator: Room:	SS 8 – BRAIN 2: TRAUMA Moderator: Room:	SS 9 –BRAIN 3: TECHNIQUE Moderator: Room:	
16.20 – 16.30	Complete Reduction of Cervical Dislocations: A Biomechanical Approach Sujoy K. Sanyal (India)	Serum Levels of TNF-A, IL-10 and TNF-A/ IL-10 Ratio on Traumatic Brain Injury in Wistar Rats Andi Asadul Islam (Indonesia)	Keyhole Concepts for Parasellar Tumors and Cerebral Aneurysm Kentaro Mori (Japan)	
16.30 – 16.40	Posterior Approach for Odontoid Fracture Type 2 Yesaya Yunus (Indonesia)	Primary Neurosurgical Life Support (PNLS): Effective Simulation Training for Neurosurgical Management Hisato Ikeda (Japan)	Pitfall Anterior Transpetrosal (Kawase Approach) for Combine Midle and Posterior Fossa Lesion Agung Budi Setiono (Indonesia)	
16.40 – 16.50	Spinal Cord Injury George Dohrman (USA)	Early Decompression or Late Decompression for TBI Patient Tedy Apriawan (Indonesia)	Strategy Management of Anterior Skull Base Malignant Tumors Nyoman Golden (Indonesia)	
16.50 – 17.00	C0-C1-C2 Posterior Fixation System Oscar L. Alves (Portugal)	TBA Hiroshi Okudera (Japan)	Awake Craniotomy Selvy Oswari (Indonesia)	
17.00 – 17.10	Management of Brachial Plexus Injury Tjokorda Gde Bagus Mahadewa (Indonesia)	TBA	A Technical Method of Extradural Anterior Clinoidectomy. ~Microanatomy and Actual Operative Procedures~ Kazumi Ohmori (Japan)	



The 5th WFNS Spine Committee Biennial Conference in conjunction with
 The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
 The 12th Asian Epilepsy Surgery Congress (AESC) and
 The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

“Meeting the Challenges Facing the Future”

UPDATE – 17 MAY

17.10 – 17.20	TBA Happy Kurniawan Brotoarianto (Indonesia)	The Influence of Decompressive Craniectomy with Mesh on Peridural Tissue of Wistar Mice with Traumatic Brain Injury I Wayan Nirvana (Indonesia)	One-and-A-Half Cavity Concept for Single Nostril Endoscopic Endonasal Transsphenoidal Hypophysectomy; a Technical Report Rahadian Indarto Susilo (Indonesia)	
17.20 – 17.30	Discussion	Discussion	Discussion	
19.00 – 22.00	Cultural Dinner			



The 5th WFNS Spine Committee Biennial Conference in conjunction with
 The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
 The 12th Asian Epilepsy Surgery Congress (AESC) and
 The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

Day 3, Saturday, 27 October 2018

06.30	Re-registration		
07.00 – 08.00	Oral Presentation (Spine) 4	Oral Presentation (Spine) 5	Oral Presentation (Spine) 6
08.00 – 09.00	Plenary Lecture 3 Moderator: Room: NDH 3	08.00 – 08.30	Opening Ceremony The 12 th Asian Epilepsy Surgery Congress Room:
08.00 – 08.15	Anterior and Posterior Approach to Subaxial Cervical Spine Maurizio Fornari (Italy)	08.30 – 09.00	Presidential Lecture
08.15 – 08.30	Image-Guide Neurospine Surgery: Challenges and Solutions Toshihiro Takami (Japan)		
08.30 – 08.45	Chiary Malformation Sri Maliawan (Indonesia)		
08.45 – 09.00	TBA Salman Y. Sharif (Pakistan)	09.00 – 09.45	Special Lecture 1 Minimum Invasive Epilepsy Surgery: Are We Delivering the Expected Promise? Gary Y. Mathern (Germany)
09.00 – 10.00	Plenary Lecture 4 Moderator: Room:		
09.00 – 09.15	TBA Wilco C. Peul (Netherland)		
09.15 – 09.30	Anterior C1 C2 Fixation for Mobile AAD or Fracture Odontoid Sushil Patkar (India)		



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

UPDATE – 17 MAY

09.30 – 09.45	Achieving a Better Mechanical Stability in Osteoporotic Spine Se-Hoon Kim (South Korea)				
09.45 – 10.00	C1 C2 Posterior Fixation Eko Agus Subagio (Indonesia)				
10.00 – 10.30	Coffee Break			09.45 – 10.00	Coffee Break
10.30 – 11.40	SS 10 – SPINE 6: INFECTION Moderator: Room:	SS 11 – ENDOVASCULAR 2 Moderator : Room:	SS 12 – TECHNIQUE Moderator: Room:		
10.30 – 10.40	Follow up Patient Outcomes on TBI using Euro QOL 5D 5L Agung Budi Setiono (Indonesia)	Management of CCF In Fac. of Medicine Padjajaran Univeristy / Hasan Sadikin General Hospital Achmad Adam (Indonesia)	Role of Spinal Navigation (O-arm) in Lumar Fusion Procedures Kresimir Rotim (Croatia)	10.00 – 10.30	Special Lecture 2 Temporal Lobe Epilepsies Michiharu Moreno (Japan)
10.40 – 10.50	Surgical Strategy for Spinal Infection and Osteoporosis, How I do It? Muhammad Faris (Indonesia)	TBA Harsan (Indonesia)	MIS spinal fixation using O-arm Nobuyuki Shimokawa (Japan)		
10.50 – 11.00	Algorithm of Post Operative Spine Infection Erliano Sufarnap (Indonesia)	Hybrid Treatment for Large/Giant Cerebral Aneurysm Shinichi Yoshimura (Japan)	Anterior Cervical Approach Ridha Dharmajaya (Indonesia)		



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

11.00 – 11.10	Surgical Management for Thoracic Spinal Tuberculosis M. Sabri Ibrahim (Indonesia)	Embolization of Brain Arterial Venous Malformation Wismaji Sadewo (Indonesia)	Result of Early High Flow bypass & Trapping for Ruptured Blood Blister Like ICA Aneurysms Hiroko Kurita (Japan)		
11.10 – 11.20	Lumbar Disco genic Pain Diagnostic and Treatment Strategy Alfred Sutrisno Lim (Indonesia)	Acute Ischemic Stroke Intervention Affan Priyambodo Permana (Indonesia)	Microsurgical Treatment of Spinal Arteriovenous Fistulas and Malformation Keisuke Takai (Japan)		
11.20 – 11.30	100 Case Microdisectomy What I Learn? Subrady Leo (Indonesia)	Spinal Vascular Malformation Nur Setiawan Suroto (Indonesia)	TBA		
11.30 – 11.40	Discussion	Discussion	Discussion		
11.40 – 12.50	SS 13 – SPINE 7: MISCELLANEOUS Moderator: Room:	SS 14 – FUNCTIONAL Moderator: Room:	SS 15 – MISCELLANEOUS Moderator: Room:		
11.40 – 11.50	Intradural Extraedullar Tumors- How I do It? Kresimir Rotim (Croatia)	How to make MVD Safe & Efficacious - Personal Experience Gained Through 5120 Cases Weiguo Zhao (China)	TBA Endro Basuki (Indonesia)	10.30 – 11.30	Related Free Paper



October 25th - 27th, 2018
Bali Nusa Dua Convention Center (BNDCC)
Bali, Indonesia

The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

“Meeting the Challenges Facing the Future”

UPDATE – 17 MAY

11.50 – 12.00	TBA Moh Mohi Eldien (Egypt)	Osteoplastic Procedures for Front temporal Craniotomy Yasuhiro Sanada (Japan)	TBA Eko Prasetyo (Indonesia)		
12.00 – 12.10	Kinematic Study of TI Slope Changes in Patients with Cervical Spondylosis Myelopathy versus Ossification of the Posterior Longitudinal Ligament after Laminoplasty Farid Yudhoyono (Indonesia)	Evaluasi Genicular Block dengan RF pada Nyeri Sendi Lutut Agus Turchan (Indonesia)	TBA Joni Wahyuhadi (Indonesia)	11.30 – 12.30	Lunch Symposium Vagal Nerve Stimulations (VNS) Kensuke Kawai (Japan)
12.10 – 12.20	Spina Bifida Tethered Cord Dewa Putu Wisnu Wardhana (Indonesia)	Micro vascular Decompression with Key Hole Craniotomy Yasuhiro Sanada (Japan)	Cervical Spine Tumor Surgery Rully Hanafi Dahlan (Indonesia)		
12.20 – 12.30	TBA Wiyawan Manusubroto	Stereotactic Surgery in Parkinson, Tremor and Dystonia Achmad Fahmi Ba'abud (Indonesia)	TBA Ali Shahab (Indonesia)		



12th AESC



The 5th WFNS Spine Committee Biennial Conference in conjunction with
 The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
 The 12th Asian Epilepsy Surgery Congress (AESC) and
 The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

UPDATE – 17 MAY

12.30 – 12.40	TBA Pandu Wicaksono	Secondary Trigeminal Neuralgia: Clinical Feature & Surgical Result Weiguo Zhao (China)	TBA Ferry Senjaya (Indonesia)		
12.40 – 12.50	Discussion	Discussion	Discussion		
12.50 – 13.30	Lunch Break		WFNS Spine Meeting	12.30 – 13.30	Lunch Break
13.30 – 14.40	SS 16 – VASCULAR 2: ENDOVASCULAR Moderator: Room:	SS 17 – SPINE 7: Moderator: Room:	SS 18 – MINIMAL INVASIVE 2 Moderator: Room:	13.30 – 14.30	Special Lecture 3 Extra Temporal Lobe Epilepsies Guo Ming Luan (China)
13.40 – 13.50	Surgery for Cerebral AVM Yoko Kato (Japan)	TBA Sevline Estethia O. (Indonesia)	Endoscopy for Sellae Region Lesion Roland Sidabutar (Indonesia)		
13.50 – 14.00	Multimodality Treatment for Large & Giant Aneurysm Nur Setiawan Suroto (Indonesia)	TBA Wawan Mulyawan (Indonesia)	Challenges and Complication in Minimal Invasive Spine Surgery Deepak Bhangale (India)		
14.00 – 14.10	Endovascular Therapy for Intracranial Atherosclerosis Shinichi Yoshimura (Japan)	TBA Novan Krisno Aji (Indonesia)	Minimal Invasive Strategy in Spontaneous ICH Arie Ibrahim (Indonesia)		



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery

UPDATE – 17 MAY

14.10 – 14.20	Trans cavernous Approach for Cavernous Aneurysm & Tumors Kentaro Mori (Japan)	TBA Fadhil (Indonesia)	Minimal Invasive TLIF: Clinico-Radiological Assesment Safety and Reability Deepak Bhangale (India)		
14.20 – 14.30	Lessons Learnt from 200 Battles Against Cerebral AVMs Hiroko Kurita (Japan)	TBA I Nyoman Gde Wahyudana (Indonesia)	TBA Asra Al Fauzi (Indonesia)		
14.30 – 14.40	How to Manage Intracerebral Hematoma: Concept and Novel Method Motohiro Morioka (Japan)	TBA Bambang Priyanto (Indonesia)	TBA Abdul Hafid Bajamal (Indonesia)		
14.40 – 14.50	Discussion	Discussion	Discussion		
14.30 – 15.30	SS 19 – PEDIATRIC Moderator: Room:	SS 20 – Moderator: Room:	SS 21 – Moderator: Room:		
14.30 – 14.40	Pediatric Endoscopic Samsul Ashari (Indonesia)	Anterior Corpectomy Thoracolumbar with and without Posterior Stabilization Anterior First? In Posterior Sahat Edison Sitorus (Indonesia)	Preoperative Embolization as a Brain Tumor's Resection Strategy in a Young Woman with No Neurological Deficits: a Case Report Bilzardy Ferry Zulkifli (Indonesia)	14.30 – 15.30	Related Free Paper



The 5th WFNS Spine Committee Biennial Conference in conjunction with
The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
The 12th Asian Epilepsy Surgery Congress (AESCC) and
The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

14.40 – 14.50	Curative Resection for Lesional Epilepsy in Children Azmi Alias (Malaysia)	Fail Back Surgery Syndrome Muhammad Faris (Indonesia)	TBA Suzy Indarti (Indonesia)		
14.50 – 15.00	TBA Mirna Sobana Adriansyah (Indonesia)	Mixed Pain Concept in Chronic Low Back Pain Eka Widyadharma (Indonesia)	TBA Mahyudani (Indonesia)		
15.00 – 15.10	Tentang Penelitian Stem Cell Endogen pada Hidrosefalus Menggunakan Hewan Model Wihasto Suryaningtyas (Indonesia)	TBA Tjokorda Agung Senapathi (Indonesia)	TBA		
15.10 – 15.20	Do's and Don'ts in Microvascular Decompression Surgery Ahmad Imron (Indonesia)	TBA Irwan Barlian Immadoel Haq (Indonesia)	TBA		
15.20 – 15.30	Neurosurgical Aspect in Syndromic Craniosynostosis M. Arifin Parenrengi (Indonesia)	Starting Comprehensive Epilepsy in Surabaya Challenge, Opportunity and Strategy Heri Subianto (Indonesia)	TBA Zaky Bajamal (Indonesia)		
15.30 – 16.30	Special Lecture Moderator: Room:			15.30 – 16.30	Special Lecture 4 Non-Surgical Focus Ablations Jin Woo Chang (South Korea)



The 5th WFNS Spine Committee Biennial Conference in conjunction with
 The 22nd Annual Scientific Meeting of Indonesian Neurosurgical Society (INS)
 The 12th Asian Epilepsy Surgery Congress (AESC) and
 The 2nd International Fujita Bantane Interim Meeting of Neurosurgery



UPDATE – 17 MAY

15.30 – 15.45	TBA Mehmet Zileli (Turkey)		
15.45 – 16.00	TBA Yoko Kato (Japan)		
16.00 – 16.15	Role of Epilepsy Surgery in developing Basic Research in Neuroscience Gary Mathern (Germany)		
16.15 – 16.30	TBA Abdul Hafid Bajamal (Indonesia)		
16.30 – 17.30	Closing Ceremony	16.30 – 17.00	Closing Remarks The 12 th AESC
17.30 – 19.00	Business Meeting of PERSPEBSI		