

The 58<sup>th</sup> Annual Meeting of the Korean Neurosurgical Society (KNS)

The 2<sup>nd</sup> Joint Meeting with the German Society of Neurosurgery (DGNC)

October 11-13, 2018 The-K Hotel, Seoul, Korea

**\*\* The Official Language of the International KNS 2018 Conference is English. Only Practical Workshop(Except Spine), Invited Guest Lecture and Residents' Sessions will be presented in Korean.**

2018. 10. 11 (Thursday)

	Educational Committee (Korean) Crystal Ballroom A, B (3F)		Editing Committee (Korean) Hangang Hall (Annex 1F)		KANS (Korean Academy of Neurological Surgeons) (Korean) Dongkang A (Annex 3F)	
09:00 ~ 12:00	Instruction for Neurosurgical Resident Guidance (지도전문의 연수교육 : 필수과목 연수교육 포함)		Practical Workshop for the Quality Improvement of JKNS		How to Translate Immunology to Neurosurgical Research and Clinic	
12:00 ~ 13:00	Lunch / Coffee Break / Transfer					
13:00 ~ 17:00	Practical Workshop					
	Crystal Ballroom B (3F)		Geumkang A (Annex 2F)	Dongkang B (Annex 3F)	Bipa Hall (Hotel 3F)	Haegeum A Hall (Hotel 3F)
	GERIATRIC	SPINE	FUNCTIONAL	ULTRASOUND	Korean Association of Neurological Surgeons	
	Cognitive Assessment Tool in Neurosurgical Patients	State of the Art Minimally Invasive Spinal Surgery : Video Based & Hands on Workshop	Intraoperative Monitoring (IOM) of Glioma Surgery	Ultrasound-Guided Treatment for Cervical Spine & Upper Extremity	Symposium for All of us	
15:00 ~ 16:00	Excutive Committee Meeting					Dongkang A (Annex 3F)
16:30 ~ 17:30	Board of Directors Meeting					Hangang Hall (Annex 1F)

2018. 10. 12 (Friday)

Grand Ballroom B (2F)							
07:50 ~ 08:00	Opening Ceremony						
08:00 ~ 09:00	Plenary Session I						
	Selected Top Abstracts Moderator : Chang Wan Oh(Seoul Nat'l Univ.), Oh Lyong Kim(Yeungnam Univ.)						
	PS-01 Selective Amygdalohippocampectomy by Endoscopic Endonasal Approach Through V1-V2 Corridor : A Feasibility Study Towards a New Paradigm : Hun Ho Park(Yonsei Univ.)						
	PS-02 Accuracy of Deep Brain Stimulation (DBS) Electrode Placement Using O-arm Intraoperative Computed Tomography (ICT) During Image-Guided, Frame-Based, Asleep DBS for Movement Disorders : Byung Chul Son(Catholic Univ.)						
	PS-03 Clinical and Radiological Analysis of C5 Palsy in Cervical Spine Surgery Patients : A Korean Cervical Spine Study Group (KCSSG) Multicenter Study : Ho Jin Lee(Catholic Univ.)						
	PS-04 Fate of Thrombosed Intracranial Aneurysms Treated with Endovascular Intervention : Won Sang Cho(Seoul Nat'l Univ.)						
09:00 ~ 09:10	Official Opening Ceremony						
09:10 ~ 10:40	Main Theme Symposium						
	For Global Neurosurgery Moderator : Jin Woo Chang(Yonsei Univ.), Sung Don Kang(Wonkwang Univ.)						
	MTS-01 History of Neurosurgery in Myanmar : Win Myaing(North Okkalapa General Hospital, Yangon, Myanmar)						
	MTS-02 Development of Neurosurgery in North Korea : The Contribution of Korean American Neurosurgeons : Kee Park(Harvard Medical School, Cambridge, USA)						
	MTS-03 Making a Healthier World Village : Yohan Ihn(President of KOFIH)						
	Panel Discussion						
10:40 ~ 11:00	Coffee Break						
11:00 ~ 12:00	Invited Guest Lecture(Korean)						
	Moderator: Jin Woo Chang(Yonsei Univ.) The History & Excellence of Korean Alcoholic Beverages				Jung Ho Bae(CEO of KOOKSOONDANG)		
12:00 ~ 12:20	Photo & Transfer						
12:20 ~ 14:00	Luncheon Seminar I						
	Crystal Ballroom A (3F)	Crystal Ballroom B (3F)	Hangang Hall (Annex 1F)	Geumkang A (Annex 2F)	Dongkang A (Annex 3F)	Dongkang B (Annex 3F)	Bipa Hall (Hotel 3F)
	Vascular / Endovascular	Tumor	Pain	Nurse	Geriatric	Peripheral	Medtronic
	Carotid Artery Stenosis	Leptomeningeal Dissemination(LMD) in Malignant Glioma	In-Depth Access to Chronic Pain	A Window to the Future : A Perspective on Neurosurgery Nursing	Characteristics of Pharmaceutical Problems in Geriatric Patients : Long-Term Use, Polypharmacy, Underlying Medical Conditions	Functional Reanimation of Foot Drop	Medtronic Enabling Technologies for Spinal Surgeries
14:00 ~ 14:20	Transfer						
14:20 ~ 16:00	Scientific Session I						
	Crystal Ballroom A (3F)	Crystal Ballroom B (3F)	Geumkang A (Annex 2F)	Dongkang A (Annex 3F)	Dongkang B (Annex 3F)	Hangang Hall (Annex 1F)	
	Vascular I	Spine I	Tumor I	Neurotrauma	Functional I	Residents' Session I Spine(Korean)	
16:00 ~ 16:30	General Assembly						
16:30 ~ 16:40	Coffee Break & Poster View						
16:40 ~ 18:00	Scientific Session II						
	Crystal Ballroom A (3F)	Crystal Ballroom B (3F)	Geumkang A (Annex 2F)	Dongkang B (Annex 3F)	Dongkang A (Annex 3F)	Hangang Hall (Annex 1F)	
	Vascular II	Spine II	Tumor II	Pediatric, Neurointensive	Geriatric, Peripheral	Residents' Session II Tumor(Korean)	
18:00 ~ 18:30	Transfer						
18:30 ~	Gala Dinner					Grand Ballroom B (2F)	

2018. 10. 13 (Saturday)

DGNC & KNS Joint Session Grand Ballroom B (2F)				KSNS KOMISS Session Crystal Ballroom A (3F)			
08:00 ~ 12:00	Moderator : Jin Woo Chang(Yonsei Univ.), Volker Tronnier(Univ. of Lubeck)						
	Movement Disorders Surgery : Unmet Needs		Joachim Krauss (Hannover Medical School)				
	Comparison of Improving Patterns between Tonic and Phasic Type Cervical Dystonia after Gpi DBS		Ryoong Huh (Catholic Univ.)				
	Emerging Neuromodulatory Techniques for the Treatment of Chronic Pain		Volker Tronnier (Univ. of Lubeck)				
	Update on Spinal Cord Stimulation for Chronic Pain		Hyun Ho Jung (Yonsei Univ.)				
	Breakthroughs in the Treatment of Traumatic Brain Injury - Past and Present		Andreas Unterberg (Univ. of Heidelberg)				
	Decompressive Craniectomy with Neurophysiological Monitoring		Do-Sung Yoo (Catholic Univ.)				
	Discussion						
	Break Time						
	Moderator : Chang Wan Oh(Seoul Nat'l Univ.), Marcos Tatagiba(Univ. of Tuebingen)						
	Improving Results of Vestibular Schwannoma Surgery in the Era of Radiosurgery		Marcos Tatagiba (Univ. of Tuebingen)				
	Improving Results of Skull Base Chordomas		Kyu Sung Lee (Yonsei Univ.)				
	Advanced Intraoperative CBF Manipulation during Surgery of Complex Aneurysms - From Hypothermia and Cardiac Arrest to Rapid Ventricular Pacing		Volker Seifert (Univ. of Frankfurt)				
Epidemiology of Ruptured Brain Arteriovenous Malformation : a National Cohort Study in Korea		Chang Wan Oh (Seoul Nat'l Univ.)					
Resolution of Cervical Stem Edema in Arteriovenous Fistulae of the Craniocervical Junction		Raimund Firsching (Univ. of Magdeburg)					
Microsurgery of Brain Stem Cavernous Malformation		Han Kyu Kim (CHA Univ.)					
Discussion							
12:00 ~ 12:20	Transfer						
12:20 ~ 13:40	Luncheon Seminar II						
	Crystal Ballroom A (3F)	Crystal Ballroom B (3F)	Hangang Hall (Annex 1F)	Geumkang A (Annex 2F)	Dongkang A (Annex 3F)	Dongkang B (Annex 3F)	Bipa Hall (Hotel 3F)
	Spine	Functional	Neurotrauma	Neurointensive care	Pediatric	Ultrasound	Women Neurosurgeon
	Recent Perspectives of Post-Spinal Surgery Syndrome (PSSS)	Surgical Treatment of Essential Tremor	Unexpected Severe Complications	Control of Nosocomial Infection in Neurocritical Care	Translational Studies Using NGS in Children	Ultrasound-Guided Treatment in the Neurosurgical Field	10th Anniversary of Korean Women Neurosurgical Society
13:40 ~ 13:50	Transfer						
13:50 ~ 15:30	Scientific Session III						
	Crystal Ballroom A (3F)	Crystal Ballroom B (3F)	Hangang Hall (Annex 1F)	Geumkang A (Annex 2F)	Dongkang A (Annex 3F)		
	Vascular III	Tumor III	Functional II	Spine III	Residents' Session III (Vascular/Endovascular) (Korean)		
15:30 ~ 15:50	Coffee Break & Poster View						
15:50 ~ 17:10	Scientific Session IV						
	Crystal Ballroom A (3F)	Crystal Ballroom B (3F)	Hangang Hall (Annex 1F)	Geumkang A (Annex 2F)	Dongkang A (Annex 3F)		
	Endovascular	Tumor IV	Spine V	Spine IV	Residents' Session IV (Functional, Geriatric, Neurotrauma, Peripheral) (Korean)		
17:10 ~	Scientific Awards & Closing Remarks					Grand Ballroom B (2F)	