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World Federation of Neurosurgical Societies **WFNS** *Symposia* 2018

15th - 16th August 2018
(Pre-Symposia Workshops)



17th - 19th August 2018
(Symposia)



Hilton Kuala Lumpur, Malaysia



wfns-symposia2018.com



secretariat.wfns@medicalconferencepartners.com



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[@wfns2018](https://twitter.com/wfns2018)

Message From The President Of Neurosurgical Association of Malaysia (NAM)



On behalf of the Neurosurgical Association of Malaysia (NAM), I am delighted to welcome one and all to the exquisite melting pot of Kuala Lumpur for the WFNS Symposium 2018. Our efforts have culminated in this singular honour of hosting the Sixth International Symposium.

The Neurosurgical Association of Malaysia (NAM) is the peerless society representing all Neurosurgeons in Malaysia. Shortly after its inception, NAM became affiliated with the World Federation of Neurosurgical Societies (WFNS) on 16th September 2001, coinciding with a very significant date in our Nation's history. Embarking on the tenet - Enhancing the Neurosciences - we have endeavoured to be actively involved in organising various educational and scientific meetings at regional and international platforms.

Malaysia, a developing nation in the geographically viable epicentre of the Asia Pacific region, eminently qualifies to host a symposium of such distinction under the aegis of the World Federation of Neurosurgical Societies. Our society is ardently committed to improving neurosurgical care and training & research to benefit

our patients, all in keeping with the WFNS's objectives to promote the same. We have a close rapport with the regional Neurosurgical Societies fostering camaraderie with fellow neurosurgeons.

I am confident that with the patronage of the Member Societies & Affiliates of the WFNS, the participation in this event in terms of faculty and delegates will exceed expectation. We will reciprocate by ensuring a convivial atmosphere, complete with a commendable scientific programme and a fulfilling social calendar for all.

Fervently, I look forward to the arrival of the fraternity from the world over, to our shores – *"Selamat Datang ke Kuala Lumpur"* – Welcome to Kuala Lumpur.

Assoc Prof Dato' Dr Hari Chandran
President
Neurosurgical Association of Malaysia (NAM)

Neurosurgical Association of Malaysia (NAM) Committee Members 2017 / 2018

President	Assoc Prof Dato' Dr Hari Chandran
Vice-President	Dato' Dr Kantha Rasalingam
Honorary Secretary	Dr Liew Boon Seng
Honorary Treasurer	Dr Saiful Azli Mat Nayan
Committee	Prof Dr Zamzuri Idris Dr Sharon Casilda Theophilus Dr Ravi Krishnapillai Datuk Dr Pulivendhan Sellamuthu
Section For Young Neurosurgeons	Dr Mohd Raffiz Mohd Ali

Message From The WFNS Symposia 2018 Organising Chairman



Dear Friends and Colleagues,

It gives me great pleasure, on behalf of the Neurosurgical Association of Malaysia (NAM) to welcome you to the World Federation of Neurosurgical Societies (WFNS) Symposia 2018, to be held at the Hilton Hotel, in Kuala Lumpur, Malaysia.

It is indeed an honour for us in Malaysia to host such a prestigious event, which to date, will be the biggest event WFNS will host in Malaysia. For this, I would like to thank the President, Prof Dr Franco Servadei and the Administrative Council of the WFNS for placing their trust in NAM and conferring us this task. I would also like to thank our President of NAM, Assoc Prof Dato' Dr Hari Chandran who led the successful bid in procuring this honour.

Being a small nation with a population of about 30 million, and at age 54 though a fledging cohort in the Neurosurgery fraternity, we hope to showcase not only our advances in Neurosurgery, but also the warm hospitality of our fellow Malaysians hailing from various ethnic backgrounds. I urge our delegates to get yourselves and your taste buds ready for some very unique blends of multi-ethnic cuisine in Malaysia and the best food choices from around the world which is unique to the Peninsular.

It is worthwhile to note that the first Neurosurgery unit was set up by Dr Roy Selby, an American housed at Kuala Lumpur General Hospital in 1963. The first Malaysian Neurosurgeon, Dato' Dr Arumugasamy was trained and board certified in the United States. I must say, Neurosurgery in Malaysia has come a long way since. Today we have a total of 96 Neurosurgeons dispersed throughout the nation with more than a third trained in Malaysia.

NAM is committed to the training of Young Neurosurgeons (YNS) and the development of Women in Neurosurgery (WINS). We have marked this with the formation of two subcommittees that will be looking into their welfare and development. The youth are the future, and their progress and development is paramount. To that end, we have allocated 100 seats for YNS in this Symposia where the committee has decided to sponsor their registration and accommodation. We hope through this gesture, we will be assisting the YNS mainly from the Developing Nations.

At the WFNS Symposia 2018, we hope to discuss issues and challenges that are faced by the developing nations in Asia with the aim to contribute towards the improvement and advancement of Neurosurgery in these regions.

The Scientific Committee is planning a comprehensive Scientific Programme that will give delegates the opportunity to update themselves with current and advances in Neurosurgery.

Apart from Plenary and Keynote Lectures, there will also be interactive workshops to teach practical aspects of Neurosurgery and encourage hands-on participation from delegates. We strongly encourage the submission of abstracts for the Free Paper Oral and Poster sessions, to be part of the scientific programme and share your own experiences and research in your institution or country.

I look forward to welcoming you to Kuala Lumpur soon: "Selamat datang ke Malaysia!"

Dato' Dr Kantha Rasalingam
Organising Chairman
WFNS Symposia 2018

WFNS Symposia 2018 Organising & Scientific Committee

Advisor	Assoc Prof Dato' Dr Hari Chandran	Nursing and Allied Health	Dr Sharon Casilda Theophilus Yee Yit Cheng Rosanita Zainal Norfarita Mohd Nor
Organising Chairman	Dato' Dr Kantha Rasalingam	Sponsors & Exhibition Committee - Medical Industry	Dato' Dr Jagdeep Nanra Dr Sharon Casilda Theophilus Dr Mohammed Azman Mohammad Raffiq
Secretary	Dr Liew Boon Seng	Sponsors & Exhibition Committee - Non-Medical Industry	Dr Nadiah Ahmad Fuad
Assistant Secretary	Dr Mohd Raffiz Mohd Ali	Social Programme	Datuk Dr Pulivendhan Sellamuthu Dr Ginelle Genista Low Siew Ling Dr Siti Azleen Mohamad Dr Looi Mun Choon
Conference Treasurer	Dr Saiful Azli Mat Nayan	Booklets & Souvenirs	Dr Mah Jon Kooi (Souvenir Programme and Abstract Book) Dr Kelvin Lim Liang Hooi (Posters, E-Posters and E-Poster Platform)
Assistant Treasurer	Dr Ng Wei Ping	Website & Social Media	Dr Kelvin Lim Liang Hooi Dr Nadiah Ahmad Fuad
Scientific Co-Chairs	Prof Dr Zamzuri Idris Assoc Prof Dr Vairavan Narayanan Dr Regunath Kandasamy Assoc Prof Dato' Dr Jegan Thanabalan Dato' Dr Jagdeep Nanra		
Scientific Committee	Dr Mohd Raffiz Mohd Ali Dr Ng Wei Ping		
Women In Neurosurgery	Dr Sharon Casilda Theophilus Dr Cheah Pooi Pooi Dr Kanmani Devi Ganison Dr Siti Azleen Mohamad		
Young Neurosurgeons Committee	Dr Mohd Raffiz Mohd Ali Dr Regunath Kandasamy Dr Adrian Ng Wei Chih		

WFNS Symposia 2018 Invited Faculty Include

Professor Dr Abdul Hafid Bajamal <i>Indonesia</i>	Professor Dr Henry W. S. Schroeder <i>Germany</i>	Professor Dr Najia El Abbadi <i>Morocco</i>
Professor Dr Ahmed Ammar <i>Saudi Arabia</i>	Professor Dr Hiroyuki Kinouchi <i>Japan</i>	Professor Dr Nelson Oyesiku <i>USA</i>
Professor Dr Akio Morita <i>Japan</i>	Professor Dr Ioan Stefan Florian <i>Romania</i>	Professor Dr Nobuhiro Mikuni <i>Japan</i>
Professor Dr Albert Sufianor <i>Russia</i>	Professor Dr Iv Vycheth <i>Cambodia</i>	Professor Dr Naoyuki Nakao <i>Japan</i>
Professor Dr Aliasgar V. Moiyadi <i>India</i>	Professor Dr Iype Cherian <i>Nepal</i>	Professor Dr Ossama Al-Mefty <i>USA</i>
Professor Dr Anil Nanda <i>USA</i>	Professor Dato' Dr Jafri Malin Abdullah <i>Malaysia</i>	Professor P. R. Rajkumar <i>India</i>
Professor Dr Anthony Graham Fieggen <i>South Africa</i>	Dato' Dr Jagdeep Nanra <i>Malaysia</i>	Professor Dr P. S. Ramani <i>India</i>
Professor Dr Ari George Chacko <i>India</i>	Professor Dr Jie Tang <i>China</i>	Dr Rully Hanafi Dahlan <i>Indonesia</i>
Professor Emeritus Dr Armando J. Basso <i>Argentina</i>	Datuk Dr Johari Siregar Adnan <i>Malaysia</i>	Professor Dr Shankar Prakash Gopinath <i>USA</i>
Dato' Dr Azmin Kass Rosman <i>Malaysia</i>	Dr Jong Hee Chang <i>Korea</i>	Professor Dr Shozo Yamada <i>Japan</i>
Professor Dr Basant K. Misra <i>India</i>	Professor Dr Junichi Mizuno <i>Japan</i>	Associate Professor Dr Sith Sathornsumetee <i>Thailand</i>
Professor Dr Christian Raftopoulos <i>Belgium</i>	Professor Dr Kaoru Kurisu <i>Japan</i>	Dr Suresh Jayabalan <i>India</i>
Professor Dr Dharmendra Ganesan <i>Malaysia</i>	Professor Dr Kentaro Mori <i>Japan</i>	Professor Dr Suresh Nair <i>India</i>
Professor Dr Dilip Panikar <i>India</i>	Professor Dr Ling Feng <i>China</i>	Professor Dr Syed Ather Enam <i>Pakistan</i>
Associate Professor Dr Duong Dai Ha <i>Vietnam</i>	Professor Dr Lukas Rasulic <i>Serbia</i>	Professor Dr Takaomi Taira <i>Japan</i>
Professor Dr Edgardo Spagnuolo <i>Uruguay</i>	Professor Dr Madjid Samii <i>Germany</i>	Dr Takashi Shuto <i>Japan</i>
Professor Dr Eka Julianta Wahjoepramono <i>Indonesia</i>	Dr Manas Kumar Panigrahi <i>India</i>	Professor Dr Toshiyuki Takahashi <i>Japan</i>
Associate Professor Dr Enrique Osorio Fonseca <i>Colombia</i>	Professor Dr Mehmet Zileli <i>Turkey</i>	Professor Dr Vickneswaran Mathaneswaran <i>Malaysia</i>
Professor Dr Francesco Tomasello <i>Italy</i>	Professor Dr Michihiro Kohno <i>Japan</i>	Dr Yasser Saber Khalaf Znad <i>Iraq</i>
Professor Dr Franco Servadei <i>Italy</i>	Professor Dr Michiyasu Suzuki <i>Japan</i>	Professor Dr Yoko Kato <i>Japan</i>
Dr Gail L. Rosseau <i>USA</i>	Professor Dr Miguel Angel Arraez Sanchez <i>Spain</i>	Professor Dr Yoshitaka Narita <i>Japan</i>
Associate Professor Dr Gelareh Zadeh <i>Canada</i>	Assistant Professor Dr Mikhail F. Chernov <i>Russia</i>	Professor Dr Zamzuri Idris <i>Malaysia</i>
Professor Dr Giovanni Broggi <i>Italy</i>	Professor Dr Miroslav Vukic <i>Croatia</i>	Professor Dr Zhang Hongqi <i>China</i>
Professor Dr Haroon Fiaz Choudhri <i>USA</i>	Dr Mubashir Mahmood Qureshi <i>Kenya</i>	and many more....

WNFS 2018 Pre-Symposia Workshops At A Glance

INTRINSIC BRAIN NEUROANATOMY - 3D LECTURES AND LIVE BRAIN DISSECTION DEMONSTRATION

Dates : 15th & 16th Aug 2018 (2 Full Days)
Venue : Hilton Kuala Lumpur
Maximum : 80 Participants

Registration Fees

International USD 250	Malaysian (Trainee) RM 500	Malaysian (Non-Trainee) RM 800
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For Neurosurgeons & Neurosurgical Trainees

SKULL BASE SURGERY CADAVERIC WORKSHOP - ADVANCED APPROACHES TO THE SKULL BASE

Dates : 15th & 16th Aug 2018 (2 Full Days)
Venue : UMMC ENT Cadaveric Lab
Maximum : 20 Participants

Registration Fees

International USD 1,000	Malaysian RM 3,000
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For Neurosurgeons & Neurosurgical Trainees

NEUROSPINE CERTIFICATION COURSE

Date : 16th Aug 2018 (1 Full Day)
Venue : Hospital Kuala Lumpur
Maximum : 20 Participants

Registration Fees

International USD 150	Malaysian RM 400
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For Neurosurgeons & Neurosurgical Trainees

BRAINLAB IMAGE GUIDANCE SYSTEM (IGS) & STEREOTAXY HANDS-ON WORKSHOP & CERTIFICATION COURSE

Date : 16th Aug 2018 (Half Day)
Venue : Hospital Kuala Lumpur
Maximum : 20 Participants

For Nurses & Allied Health Professionals

MICRONEUROSURGICAL TECHNIQUES & CEREBRAL REVASCULARISATION

Dates : 15th & 16th Aug 2018 (2 Full Days)
Venue : ASSC Lab, Hospital Universiti Kebangsaan Malaysia (HUKM)
Maximum : 20 Participants

Registration Fees

International USD 500	Malaysian (NAM Member) RM 1,000	Malaysian (Non-NAM Member) RM 2,000
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For Neurosurgeons & Neurosurgical Trainees

THE ADVANCES OF INTRAOPERATIVE RADIOTHERAPY (IORT) IN BRAIN CANCER - LIVE SURGERY WORKSHOP

Date : 16th Aug 2018 (1 Full Day)
Venue : UMMC CIGNET (Centre for Image Guided and Minimally Invasive Therapy) Lab
Maximum : 40 Participants

Registration Fees

International USD 100	Malaysian RM 300
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For Neurosurgeons & Neurosurgical Trainees

CERTIFICATION COURSE ON EXTERNAL VENTRICULAR DRAIN & INTRACEREBRAL PRESSURE MONITORING WORKSHOP

Date : 16th Aug 2018 (Half Day)
Venue : Hospital Kuala Lumpur
Maximum : 20 Participants

For Nurses & Allied Health Professionals

MEDTRONIC MIDAS REX HANDS-ON WORKSHOP & CERTIFICATION COURSE FOR STERILE PROCESSING PERSONNEL

Date : 16th Aug 2018 (Half Day)
Venue : Hospital Kuala Lumpur
Maximum : 20 Participants

For Nurses & Allied Health Professionals

Workshop

1

INTRINSIC BRAIN NEUROANATOMY - 3D LECTURES AND LIVE BRAIN DISSECTION DEMONSTRATION



Date:

15th to 16th August 2018 (2 Days Workshop)



Registration Fees:

International
USD 250

Malaysian (Trainee)
RM 500

Malaysian (Non-Trainee)
RM 800



Maximum Participants:

80 pax (First come, first served)
For Neurosurgeons & Neurosurgical Trainees



Venue:

Hilton Kuala Lumpur

The WFNS Symposia 2018 Organising Committee is proud to introduce our pre-symposia workshop on 'Intrinsic Brain Neuro Anatomy'. This workshop will be held on the 15th and 16th of August 2018 in Hilton Hotel as part of the WFNS Symposia 2018 programs.

A thorough knowledge of anatomy is fundamental in neurosurgery as surgical access is limited and the slightest mistake would be catastrophic. We have lined up a comprehensive and in-depth lecture series based on 3D projections of cadaveric dissections and intra-operative anatomy to improve the understanding of the young neurosurgeons at the brink of their careers, as well as refresh the knowledge of the senior neurosurgeons.

We have also included a live demonstration of White Matter and intrinsic brain dissection to be performed live by our faculty on a brain specimen prepared as per the Klinger method. This demonstration is scheduled to be an interactive session with close observation for the participants.

The course faculty includes some very renowned people in the field of neurosurgical neuronatomy including Dr Pablo Gonzales-Lopez from Alicante, Spain and Mr Ramez W Kirolos from the University of Cambridge, UK

Hurry and book your seats now as places are limited to 80 participants on a first come first served basis!

We look forward to welcoming you in August in Kuala Lumpur!

Assoc Prof Dr Vairavan Narayanan

Course Director

3D Neuroanatomy and White Matter Dissection Workshop

**Workshops Registration Fees are NOT inclusive the main symposia registration fees. It is solely for the workshop only.*

Workshop

2

MICRONEUROSURGICAL TECHNIQUES & CEREBRAL REVASCULARISATION

**Date:**

15th to 16th August 2018 (2 Days Workshop)

**Registration Fees:**

International
USD 500

Malaysian (NAM Member)
RM 1,000

Malaysian (Non-NAM Member)
RM 2,000

**Maximum Participants:**

20 pax (First come, first served)
For Neurosurgeons & Neurosurgical Trainees

**Venue:**

ASSC Lab, Hospital Universiti Kebangsaan Malaysia (HUKM)

Tentative Schedule:

15th August 2018

TIME	AGENDA
7.30am - 8.00am	Registration
8.00am - 8.15am	Course Introduction
8.15am - 10.00am	• Maximising the use of surgical microscope • 3D high definition technology in vascular neurosurgery • Demonstration of this innovation in aneurysm clipping, AVM surgery, carotid endarterectomy and vascular bypass surgery
10.00am - 10.30am	Coffee break
10.30am - 5.00pm	Introduction to endovascular techniques in neurovascular conditions

16th August 2018

TIME	AGENDA
7.30am - 8.00am	Registration
8.00am - 8.15am	Course Introduction
8.15am - 5.00pm	• Principles of Microneurosurgery • Principles of cerebral revascularisation – Microscopy & Endoscopy • Hands-On practice of end-to-end anastomosis in tissue and live animal model • Hands-On practice of end-to-side anastomosis in tissue and live animal model

Workshop

5

NEUROSPINE CERTIFICATION COURSE

**Date:**

16th August 2018 (1 Day Workshop)

**Registration Fees:****Maximum Participants:**

20 pax (First come, first served)
For Neurosurgeons & Neurosurgical Trainees

International
USD 150

**Venue:**

Hospital Kuala Lumpur

Malaysian
RM 400

Faculty Members:

- Professor Dr Junichi Mizuno (Japan)
- Dr Wong Chung Chek (Malaysia)
- Dr Rajendra Thiruchelvarayan (Singapore)
- Dr Tjokorda Gde Bagus Mahadewa (Indonesia)

Tentative Schedule:

TIME	AGENDA
7.30am – 8.00am	Registration
8.00am – 8.15am	Course Introduction
8.15am – 8.30am	ACDF: How Do I Do It?
8.30am – 8.45am	Various Instrumentation For ACDF And Preferences
8.45am – 9.00am	My Complications In ACDF
9.00am – 10.30am	Real Spine ACDF Hands-On
10.30am – 11.00am	Coffee Break
11.00am – 11.15am	C1-C2 Fixation: When Do I Do It?
11.15am – 11.30am	C1-C2 Fixation: How Do I Do It?
11.30am – 1.00pm	C1-C2 Hands-On
1.00pm – 2.00pm	Lunch Break
2.00pm – 2.15pm	Lateral Mass And Pedicle Screw Fixation In Subaxial Cervical Spine
2.15pm – 2.30pm	Complications And Rescue Screws
2.30pm – 4.00pm	Lateral Mass And Pedicle Screw Hands-On Stations
4.00pm – 4.30pm	Coffee Break
4.30pm – 4.45pm	Posterior Foraminotomy
4.45pm – 6.00pm	Hands-On



Workshop

6

CERTIFICATION COURSE ON EXTERNAL VENTRICULAR DRAIN & INTRACEREBRAL PRESSURE MONITORING WORKSHOP

**Date:**

16th August 2018 (Half Day Workshop)

**Venue:**

Hospital Kuala Lumpur

**Maximum Participants:**

20 pax (First come, first served)
For Nurses & Allied Health Professionals Only

More information coming soon

Workshop

7

BRAINLAB IMAGE GUIDANCE SYSTEM (IGS) & STEREOTAXY HANDS-ON WORKSHOP & CERTIFICATION COURSE

**Date:**

16th August 2018 (Half Day Workshop)

**Venue:**

Hospital Kuala Lumpur

**Maximum Participants:**

20 pax (First come, first served)
For Nurses & Allied Health Professionals Only

This is a basic navigation course that covers the following topics:

1. **Introduction to Neuronavigation** – technology, workflow, benefits of navigation, set-up for different surgical procedures
2. **Patient data transfer** – how to correctly select and transfer DICOM data from CT and / or MRI scanners to the navigation system
3. **Patient data manipulation** – how to perform Image Fusion of different patient data sets, and how to perform outlining structures of interest
4. **Patient registration for navigation** – introduction to patient registration techniques for navigation, using instruments like Z-Touch (Laser Registration) or Softouch Registration Pointers.
5. **Navigation software** – how to operate the navigation software and discussion on features within the navigation software
6. **Instruments for navigation** – proper handling of various navigation instruments, including Varioguide

NOTE: Kick Navigation system will be on-site for hands-on practice.



Workshop

8

MEDTRONIC MIDAS REX HANDS-ON WORKSHOP & CERTIFICATION COURSE FOR STERILE PROCESSING PERSONNEL

**Date:**

16th August 2018 (Half Day Workshop)

**Venue:**

Hospital Kuala Lumpur

**Maximum Participants:**

20 pax (First come, first served)

For Nurses & Allied Health Professionals Only

Description: For understanding of the OT personnel on the proper use of Midas Rex™ Drill System, its components and tool characteristics. Fundamentally, participants will be also able to understand the proper technique and hand positioning in use of Midas Rex™ Drill System.

TIME	AGENDA
8.00am - 8:15am	Welcome • Course objectives • Customer Goal Survey / Review • Significance of SPD to Midas Rex • Agenda for the day
8.15am – 9.15am	Major Tool Overview / Drilling Exercise • Tool Overview - Match Head, Craniotome, Metal Cutting, Diamond • Brief review of tool performance characteristics • Debris Accumulation - Where to Look Identifying damaged / broken attachments • Maintaining Metal Cutting Attachments
9.15am – 10.00am	Break
10.00am – 11.00am	Cleaning and Sterilization Overview
11.00am – 11.30am	Special Attachments / Movable Parts • Attachments Different Shapes and Sizes Cleaning and Lubricating: » <i>Angled, Variable Exposure, Telescoping, Single vs. Multi Lock and Safety Feature Attachments</i> » <i>Stylus / MR7 Touch Motors</i> » <i>Significance of Air guns</i>
11.30am – 12.00pm	An Influential Line of Defense • Hands-on Cleaning of Motors and Attachments • Influential Factors: Technique, Cleaning & Drying Times • Outcomes associated with Improper Technique • Importance of Training, Compliance with Standardized Guidelines Communication and Access to Resources
12.00pm - 12.30pm	Review; Question & Answer; Dismissal
	Course Adjourned



Day 1 - 17 August 2018 (Friday)					
	Lecture Hall A	Lecture Hall B	Lecture Hall C	Lecture Hall D	Lecture Hall E
0700					
0800			Registration Counter Opens		
0820			Plenary 1		
0840			Plenary 2		
0900			Plenary 3		
1015			Official Opening Ceremony & Keynote Lecture		
1100			Tea Break & Exhibit Visit		
	Vascular 1 - Revascularization Of Cerebral Artery Occlusion, 100 Cases Experience - Minimally Invasive Strategies For Cerebral Aneurysm Surgery - Aneurysm Surgery Under The Advanced Monitoring - Wisdom In Management Of Giant Aneurysm	Neuro-Oncology 1 - Evidence-Based Treatment Strategies Of Glioblastoma - Multimodal Intraoperative Mapping And Monitoring For Resection Of Tumours Around Motor Eloquent Regions - Yellow Fluorescence Y560 Filter Use In Brain Tumour Surgery	Surgery For Pituitary & Sellar Lesions 1 - Pituitary Surgery, How Do We Get Here? - Endoscopic Endonasal Approach For Craniopharyngiomas - Is It Really Better? - Endonasal Transphenoidal Approach To Pituitary Adenomas - Management Of Residual Growth Hormones Secreting Pituitary Adenomas	Advances In Imaging & Technology In Neurosurgery - Usage Of Ultrasonography In Spinal Surgery - Brain Machine Interface - Virtual Reality In Neurosurgery	Nursing Congress – Neurotrauma & Cerebral Vascular (Peri-Operative) - Critical Care Nursing In Traumatic Brain Injury - Challenges In Managing Patients With Traumatic Spinal Cord Injury And Spinal Disorders – Nursing Approaches "The Polytraumatized Patient" – Challenges In Nursing Care - Approach To A Patient With Altered Sensorium: Nursing Perspective - Dealing With An Aggressive, Confused Or Delirious Patient - Post Trauma – Neuropsychiatric Nursing Perspective - Critical Care Nursing Of Patients With A Ruptured Aneurysm Or AVM: Nursing Monitoring And Precautions - The Role Of The OR Nurse In Successful Neurovascular Surgery: Intra-Operative Perspective
1100	1300				
1300			Lunch Symposium 3		
1330			Lunch & Exhibit Visit		
1430					
	Vascular 2 - Surgical Management Of AVM, The Only Curative Treatment - Surgical Management Of AVMs - Cavernoma Surgery - Natural History And Surgical Management Of Brain Stem Cavernous Malformations - Surgery For The Dural AVF At The Cranio-Cervical Junction	Neuro-Oncology 2 - Evolution Of Intraoperative Ultrasound In Neuro-Oncology - Adjuvant Therapy For Glioblastoma, Lower-Grade Gliomas Or Supportive Treatment For Brain Tumour Patients - Microsurgery For Third Ventricle Tumours	Surgery For Pituitary & Sellar Lesions 2 - Endoscopic Endonasal Approach For Chordomas - Video Session - Rathke's Cleft Cyst - Surgical Management - Tips And Tricks Of Surgery For Pituitary And Parasellar Tumours	Global Neurosurgery - Global Neurosurgery: Enlightenment, Esperanto And Humanism - Global Neurosurgery: Accelerating Progress Through Simulation And International Partnerships - Values-Based Medicine - Ethical Issues In Daily Neurosurgical Practice - Global Neurosurgery In A War-Torn Region	Nursing Congress – Paediatric Neurosurgery, Neurosurgical OR & Nursing Innovation - A Guide To Common Cranial Operative Procedures – Burrhole, VP Shunt, Craniotomy, Decompression - Craniectomy - Indications, Positioning, Draping, Basic Steps, Equipment - Neurosurgical Instrument: Ergonomics And Care - A Guide To Common Spinal Operative Procedures – ACDF, Laminectomy, Instrumentation - Indications, Positioning, Draping, Basic Steps, Equipment - Nursing Innovation In Neuroscience - What's Out There Open To Submitters - Free Paper Oral Presentations
1430	1630				
1630			Tea Break & Exhibit Visit		
1700			END OF DAY 1		
1900 Onwards			Faculty Dinner (By Invitation Only)		

Programme Overview

Day 2 - 18 August 2018 (Saturday)					
	Lecture Hall A	Lecture Hall B	Lecture Hall C	Lecture Hall D	Lecture Hall E
					Lecture Hall F & G
0700	1700	Registration Counter Opens			
0800	0830	Breakfast Symposium 1			
0830	0850	Plenary 4			
0850	0910	Plenary 5			
0910	0930	Plenary 6			
0930	0950	Plenary 7			
0950	1035	Tea Break & Exhibit Visit			
1035	1235	Spine & Peripheral Nerve 1 - Cervical Sagittal Malalignment And The Risk Of Increase Neck Disability In Cervical Spondylotic Myelopathy - Surgical Management Of Osteoporotic Spine And Related Disorders - Surgical Management Of Complex Mass Lesions At The Craniocervical Junction - Management Of Extreme Cervical Deformity?	Skull Base Surgery 1 - Frontal Skull Base Meningiomas - Endonasal Or Transcranial? Round Table Controversy Discussion - How To Select An Appropriate Approach In Surgery For Cerebellopontine Angle Tumours? - Endoscope - Assisted Microsurgery For Epidermoids - Extradural Temporopolar Approach To Treat Internal Carotid Artery Paraclinoid Aneurysms And Basilar Artery Distal Aneurysms	Trauma & Craniofacial Reconstruction - Overview Of Traumatic Brain Injury Management Techniques Of Craniofacial Reconstruction - Multimodality Monitoring & Cooling Therapy In Traumatic Brain Injury - First Aid, Transportation And Management Of Traumatic Cervical Spine Injury In Vietnam - Coagulation And Fibrinolysis In Neurotrauma	Nursing Congress - Neurospine & Nursing Innovation - Free Paper Oral Presentations - Post-Op Spine Complications: Challenges And Opportunities - Integrative Medicine's Role In Pain Management For The Post-Op Spine Population - Nursing Innovation In Neuroscience - What's Out There - Innovation In Nursing Practices
1235	1305	Lunch Symposium 4	Lunch Symposium 5	Lunch Symposium 6	
1305	1400	Lunch & Exhibit Visit			
1400	1600	Spine & Peripheral Nerve 2 - Craniovertebral Junction Surgery - Management Of Spinal Tuberculosis - Problems Of Geriatric Spine Surgery - Fusion Or Mobility Preservation. Which One To Choose? - Should We Abandon Complete Exploration Of The Brachial Plexus And Usage Of Proximal Viable Nerve Stumps For Grafting As The Primary Treatment Modality In Traction Injuries?	Skull Base Surgery 2 - Skull Base Meningiomas: Nostos Versus Kleos - Decision Making In Skull Base Surgery - Microsurgery For Third Ventricle Tumours	Free Paper Oral Presentations	Nursing Congress - Neurorehabilitation - The Role Of Nutrition And Dietary Supplementation In Effective Neurological Recovery And Rehabilitation - Rehabilitation In Traumatic Brain Injury - Rehabilitation In Spinal Cord Injury - Psychological Consideration In The Assessment And Treatment Of Pain In Neurorehabilitation - The Role Of The Occupational Therapist In Neurorehabilitation - Patient And Care-Giver Educationn For Better Stroke Rehabilitation - The Role Of Nursing In Supporting Neurorehabilitation
1600	1630	Tea Break & Exhibit Visit			
		END OF DAY 2			
1900 Onwards					
Conference Dinner					

*The programme is subject to changes

Programme Overview

Day 3 - 19 August 2018 (Sunday)								
	Lecture Hall A	Lecture Hall B	Lecture Hall C	Lecture Hall D	Lecture Hall E			
0700	1700	Registration Counter Opens						
0800	0830	Breakfast Symposium 2						
0830	0850	Plenary 8						
0850	0910	Plenary 9						
0910	0930	Plenary 10						
0930	0950	Plenary 11						
0950	1035	Tea Break & Exhibit Visit						
1035	1235	Stereotactic & Intraoperative Radiation Therapy - Stereotactic Radiotherapy For Metastatic Brain Tumours - SRS Or SRT? - Radiotherapy Of Cavernous Sinus Tumours - Everything You Always Wanted To Know About Radiosurgery Of AVM (But Were Afraid To Ask)	Functional & Neuromodulation - Progress And Foremost Aspects In Functional Neurosurgery - Asleep Deep Brain Stimulation For Abnormal Movements: Procedure And Results - Endoscope-Assisted Microvascular Decompression In Hemifacial Spasm	Epilepsy - Epilepsy Surgery - Lesion Negative Epilepsy - Intractable Epilepsy Management	Young Neurosurgeon Session 1A Vascular	Young Neurosurgeon Session 1B Pituitary & Skull Base Surgery	Young Neurosurgeon Session 1C Neuro - Oncology	Free Paper Oral Presentations
1235	1305	Lunch Symposium 7	Lunch Symposium 8	Lunch Symposium 9				
1305	1400	Lunch & Exhibit Visit						
1400	1600	Controversies In Neurosurgery - Should Neurosurgeons Perform Scoliosis Surgery? - Controversies In Skull Base Surgery - Controversies In Radiosurgery	Neurosurgical Management Of Pain - Microvascular Decompression Of V Nerve For Trigeminal Neuralgia Using Endoscope - Microsurgical Treatment Of Facial Pain Syndrome	Women In Neurosurgery	Young Neurosurgeons Session 2 - The Great Neurosurgical Debate - Dialogue: Young Neurosurgeon Experience And Opportunities - Asian / South East Asian Young Neurosurgeon Association		Free Paper Oral Presentations	
1600	1630	Awards Presentation						
1630	1700	Closing Ceremony						
		END OF DAY 3						

*The programme is subject to changes

	Early Bird (Ends on 15th June 2018)	Advance (16th June to 31st July 2018)	Onsite (1st Aug 2018 to Onsite)
MALAYSIAN			
Surgeons NAM Member	MYR 1200	MYR 1300	MYR 1500
Surgeons Non-NAM Member, Specialists	MYR 1400	MYR 1500	MYR 1700
Residents, Trainees, Medical Officers	MYR 950	MYR 1050	MYR 1200
Nurses and Allied Health Professionals*	MYR 500	MYR 550	MYR 600
Conference Dinner (Optional)		MYR 250	

**Malaysian Nurses and Allied Health Professionals special rate covers access for any TWO (2) days of scientific programme. (It does not include Conference Dinner Ticket. Conference Dinner Ticket may be purchased as an add-on).*

	Early Bird (Ends on 15th June 2018)	Advance (16th June to 31st July 2018)	Onsite (1st Aug 2018 to Onsite)
INTERNATIONAL			
Surgeons from Developing Countries (refer to list qualified by World Bank List of Economic 2017)	USD 450	USD 500	USD 550
Surgeons, Specialists	USD 550	USD 600	USD 650
Residents, Trainees, Medical Officers	USD 350	USD 400	USD 450
Nurses and Allied Health Professionals	USD 150	USD 180	USD 210
Conference Dinner (Optional)		USD 80	
Surgeons and Trainees from Low Income Countries (Refer to List qualified by World Bank List of Economies 2017) kindly communicate with the secretariat for enquires on registration fees and concessions.			

Registration rate covers full access to all scientific programme for all three (3) days of conference. It does not include Conference Dinner ticket. Conference Dinner ticket may be purchased as an add-on.

Discount is available for group registration of more than 20 pax. For more information and enquiries on concessions, contact secretariat at secretariat.wfns@medicalconferencepartners.com. Online Registration commencing soon at www.wfns-symposia2018.com.

ENJOY EARLY BIRD REGISTRATIONS TODAY!



Experience

KUALA LUMPUR

Kuala Lumpur fondly known as KL, is a modern and bustling city and is one of the region's most prosperous capitals. KL consists of a melting pot of cultures infused together and boasts a variety of attractions such as interesting heritage sites, shopping, entertainment, nature and adventure.

Here are some attractions you would not want to miss while you are here in Kuala Lumpur.

Petronas Twin Towers

The 452 metres tall **Petronas Twin Towers** is the tallest building in Malaysia, and was once the tallest building in the world.

At the base of the Petronas Twin Towers is Suria KLCC, which is a shopping mall that is very popular among tourists. Tourists can also take a stroll along the beautiful landscaped KLCC Park, which is located at the side of the twin towers, where it features a jogging track, walking paths, water fountain and a wading pool for children.

Besides the mall and the park, there are also other attractions such as the Aquaria KLCC, Petronas Art Gallery and Petrosains Science Center inside the Petronas Twin Towers.

Batu Caves

Batu Caves is an iconic and most frequented tourist attraction in Kuala Lumpur.

It is a limestone hill comprising 3 major caves featuring temples and Hindu shrines. Outside Batu Caves stands the world's tallest golden statue of Lord Murugan, a Hindu Deity, at 42.7 metres tall.

The attraction of Batu Caves includes the steep 272 steps climb up to finally view the stunning skyline of the city centre. Along your way up, you will see lots of monkeys frolic around the caves.

Malaysian Food

Food can be considered as the national obsession. It is not uncommon to be greeted by the phrase "*Sudah makan?*" which means "Have you eaten?". Malaysian food is heavily influenced by Thai, Chinese, Indonesian and Indian cuisine. As elsewhere in Asia, rice is an essential staple. Some of the popular Malaysian food are *Nasi Lemak*, *Char Kuey Teow*, *Roti Canai* and Curry laksa. Our local delicacies will definitely tantalise your tastebuds.

National Museum

The National Museum of Malaysia is a beautiful building characterized by traditional Malay Minangkabau-style architecture which stands in the heart of the city of Kuala Lumpur. It displays an excellent introduction to Malaysia's history, economy, geography, arts, crafts and culture.

World Federation of Neurosurgical Societies **WFNS** *Symposia* **2018**



16th August 2018
(Nurses Pre-Symposia Workshops)



17th - 18th August 2018
(Nurses Symposia)



Hilton Kuala Lumpur, Malaysia



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NEUROSURGICAL NURSING CONGRESS HIGHLIGHTS

- Acute Care Nursing Perspective
- Nursing Practices In The Operating Room
- Neuro Rehabilitation Practices
- Stroke Care
- Hands-On Workshop On Trauma And Spinal Care- EVD, IGS And High Speed Drill for Nurses
- Free Paper Oral Presentation Session Specially for Nurses With A Theme
"Nursing Practice Innovation And Experience Sharing"

CALL FOR ABSTRACTS FOR NURSES



Deadline
**31st May
2018**

ABSTRACT GUIDELINES:

- Please email abstract.wfns@medicalconferencepartners.com to get the Abstract Template.
- The abstract should consists of :-
 - Title
 - Main Author Name
 - Main Author Institution
 - Co-Author(s) Name & Institution (if any)
 - Content
 - Conclusion
- The abstract body is limited to a maximum of 250 words.
- Ensure that all changes, corrections and proof reading have been carried out before submission.
- All final abstracts are to be emailed to abstract.wfns@medicalconferencepartners.com by 31st May 2018.

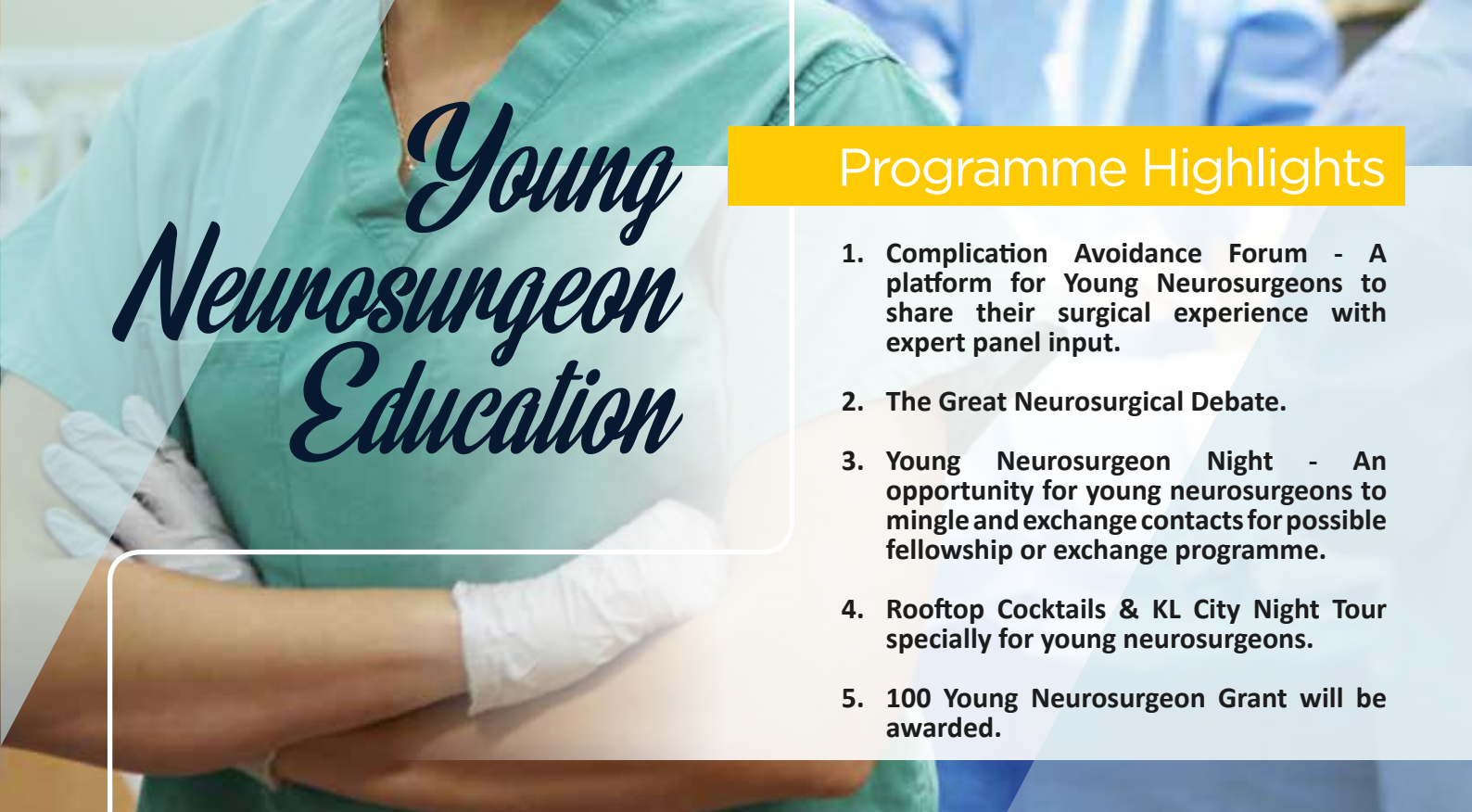
**FREE REGISTRATION TO BE GIVEN
FOR TOP ABSTRACTS!**

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Young Neurosurgeon Education

Programme Highlights

1. **Complication Avoidance Forum** - A platform for Young Neurosurgeons to share their surgical experience with expert panel input.
2. **The Great Neurosurgical Debate.**
3. **Young Neurosurgeon Night** - An opportunity for young neurosurgeons to mingle and exchange contacts for possible fellowship or exchange programme.
4. **Rooftop Cocktails & KL City Night Tour** specially for young neurosurgeons.
5. **100 Young Neurosurgeon Grant** will be awarded.



Women In Neurosurgery

Programme Highlights

1. **Theme: Uniting & Empowering Women For The Future Of Neurosurgery.**
2. **Sharing experience & perspective by eminent women in neurosurgery from all over the globe.**
3. **Fostering friendship and paving the way for future collaboration.**

**WFNS Symposia 2018 Secretariat
c/o Medical Conference Partners**

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Tel : +603 2276 0555 | **Email :** secretariat.wfns@medicalconferencepartners.com

This announcement has been prepared in good faith.
The organisers reserve the right to make changes if needed at their discretion.