

**NNI International Symposium of Neurosurgery
4 October 2010, Monday, 8:30 am to 4:45 pm
TTSH Theatrette, Singapore**

PROGRAMME – DAY 1

Time	Topic	Speakers
0700 – 0830	Registration	
0830 – 0840	Welcome Address	Ivan Ng
Neuro-oncology 1		
Plenary Session 1 : TTSH Theatrette		
0840 – 0900	Glioma stem cells – bench to bedside	Ang Beng Ti, Christopher
0900 – 0920	Advances in neuro-imaging for brain tumours	Sitoh Yih Yian
0920 – 0940	Neuro-mapping & awake craniotomy for brain tumours	Ng Wai Hoe
0940 – 1010	Tea Break	
Neuro-oncology 2		
Plenary Session 2 : TTSH Theatrette		
1010 – 1030	Alternative Splicing in Neurological Disease	Ng Wai Hoe
1030 – 1100	Posterior fossa tumours	Peter Black
1100 – 1120	Fluorescence-guided resection of glioblastoma using 5-ALA	Tomas Krcik
1120 – 1140	Intramedullary tumours	Julius July
1145 – 1315	Lunch	
Ventricular Surgery		
Plenary Session 3: TTSH Theatrette		
1315 – 1345	Approaches to the 3rd ventricle	Peter Black
1345 – 1405	Endoscopic anatomy of the ventricle	Rajendra Tiruchelvarayan
1405 – 1435	Approaches to the pineal region	Peter Black
1435 – 1455	Glial tumours : A pathologist's perspective	Chuah Khoon Leong
1455 – 1525	Tea Break	
1525 – 1545	Endoscopic endonasal pituitary surgery	Julius July
1545 – 1605	Skull base tumours - surgical strategies	Ivan Ng
1605 – 1625	Modern neuromonitoring	Ng Wai Hoe
1625 – 1645	Radiosurgery in neuro-oncology	John Thomas
End of Day 1		
1900 – 2100 Faculty & Alumni Dinner		

Programme subject to change without prior notice

**NNI International Symposium of Neurosurgery
5 October 2010, Tuesday, 8:00 am to 5:30 pm
TTSH Theatrette, Singapore**

PROGRAMME – DAY 2

Time	Topic	Speakers / Instructors
0700 – 0800	Registration	
Neurovascular - Aneurysms		
Plenary Session 4 : TTSH Theatrette		
0800 – 0820	Surgical strategy of cerebral aneurysms	Eka Julianta
0820 – 0850	Surgery for paraclinoidal aneurysm	Tu Yong Kwang
0850 – 0910	Surgery for posterior circulation aneurysms	Ivan Ng
0910 – 0940	Role of revascularization in treating ischemia and complex aneurysm	Tu Yong Kwang
0940 – 1000	Aneurysms : An experience of 627 cases	Tran Minh Tri
1000 – 1020	Tea Break	
Neurovascular		
Plenary Session 5 : TTSH Theatrette		
1020 – 1050	Surgical strategy for intracranial AVMs	Tu Yong Kwang
1050 – 1110	Surgery of brainstem vascular neoplastic lesions	Eka Julianta
1110 – 1130	Principles for cerebral augmentation in cerebral ischemia	Ivan Ng
Intra-operative Imaging		
Plenary Session 6 : TTSH Theatrette		
1130 – 1200	The evolution and utility of intra-operative MRI	Peter Black
1200 – 1220	Intra-operative Imaging for neurovascular surgery	Ivan Ng
1220 – 1320	Lunch	
1320 – 1340	Spinal navigation and 'O' arm experience	Ernest Wang
1340 – 1400	iCT experience	David Low
End of Day 2		
EC/IC Workshop : Ren Ci Hospital and Medicare Centre Level 4, Lecture Room 402 [<i>*For 8-10 registered participants</i>]		
1400 – 1730	Introduction and approaches for EC/IC	Tu Yong Kwang / Ivan Ng

EC/IC Workshop:

1. B Braun
2. Carl Zeiss

**NNI International Symposium of Neurosurgery
6 October 2010, Wednesday, 8:00 am to 1:15 pm
TTSH Theatrette, Singapore**

PROGRAMME – DAY 3

Time	Topic	Speakers
0700 – 0800	Registration	
Neurosurgical Techniques		
Plenary Session 7 : TTSH Theatrette		
0830 – 0850	Thoracolumbar spine fracture classification	Gamaliel Tan
0850 – 0910	Cervical spine fracture classification	Lee Haw Chou
0910 – 0920	Techniques of cervical spine instrumentation	Tan Kheng Kooi
0920 – 0940	Principles of thoracolumbar fixation	Paul Tng
0940 – 1010	Tea Break	
Plenary Session 8 : TTSH Theatrette		
1010 – 1030	Anterior thoracolumbar corpectomy & stabilisation	Tan Seang Beng
1030 – 1050	Lumbar interbody fusion – techniques & approaches	Yu Chun Sing
1050 – 1120	Minimally invasive spine surgery	Kevin Foley
1120 – 1150	Disc nucleoplasty, vertebroplasty & kyphoplasty – the evidence	Danny Louange
1150 – 1315	Lunch	
End of Day 3		
1400 – 1700 Social Afternoon		

**NNI International Symposium of Neurosurgery
7 October 2010, Thursday, 8:00 am to 5:00 pm
TTSH Theatrette, Singapore**

PROGRAMME – DAY 4

Time	Topic	Speakers / Instructors
0700 – 0800	Registration	
Neurosurgical Techniques		
Plenary Session 9 : TTSH Theatrette		
0800 – 0830	Percutaneous transpedicular screw fixation – Indications & techniques	Kevin Foley
0830 – 0850	Clinical experience and results of full-endoscopic lumbar discectomy.	Chen Chien-Min
0850 – 0910	Surgery for spinal tumours	Rajendra Tiruchelvarayan
0910 – 0930	Surgical treatment options for back pain	Phudhiphorn Thienprasit
0930 – 0950	Tea Break	
0950 – 1115	Concurrent workshops Workshop 1 - Cervical spine (NNI NR Meeting Room) Workshop 2 - Thoracolumbar (Conference Room 1) Workshop 3 - MIS (Operating Theatre 1) Workshop 4 - Navigation (Conference Room 2)	Tan Kheng Kooi / Rajendra Tiruchelvarayan Paul Tng / Lee Haw Chou Kevin Foley / Jack Pan Ernest Wang / Shree Kumar Dinesh
	Concurrent workshops Workshop 1 - Cervical spine (NNI NR Meeting Room) Workshop 2 - Thoracolumbar (Conference Room 1) Workshop 3 - MIS (Operating Theatre 1) Workshop 4 - Navigation (Conference Room 2)	Tan Kheng Kooi / Rajendra Tiruchelvarayan Paul Tng / Lee Haw Chou Kevin Foley / Jack Pan Ernest Wang / Shree Kumar Dinesh
1245 – 1330	Lunch	
1330 – 1500	Concurrent workshops Workshop 1 - Cervical spine (NNI NR Meeting Room) Workshop 2 - Thoracolumbar (Conference Room 1) Workshop 3 - MIS (Operating Theatre 1) Workshop 4 - Navigation (Conference Room 2)	Tan Kheng Kooi / Rajendra Tiruchelvarayan Gamaliel Tan / Yu Chun Sing Kevin Foley / Jack Pan Ernest Wang / Shree Kumar Dinesh
	Concurrent workshops Workshop 1 - Cervical spine (NNI NR Meeting Room) Workshop 2 - Thoracolumbar (Conference Room 1) Workshop 3 - MIS (Operating Theatre 1) Workshop 4 - Navigation (Conference Room 2)	Tan Kheng Kooi / Rajendra Tiruchelvarayan Gamaliel Tan / Yu Chun Sing Kevin Foley / Jack Pan Ernest Wang / Shree Kumar Dinesh
1500 – 1525	Tea Break	
1525 – 1700	Concurrent workshops Workshop 1 - Cervical spine (NNI NR Meeting Room) Workshop 2 - Thoracolumbar (Conference Room 1) Workshop 3 - MIS (Operating Theatre 1) Workshop 4 - Navigation (Conference Room 2)	Tan Kheng Kooi / Rajendra Tiruchelvarayan Gamaliel Tan / Yu Chun Sing Kevin Foley / Jack Pan Ernest Wang / Shree Kumar Dinesh
	Concurrent workshops Workshop 1 - Cervical spine (NNI NR Meeting Room) Workshop 2 - Thoracolumbar (Conference Room 1) Workshop 3 - MIS (Operating Theatre 1) Workshop 4 - Navigation (Conference Room 2)	Tan Kheng Kooi / Rajendra Tiruchelvarayan Gamaliel Tan / Yu Chun Sing Kevin Foley / Jack Pan Ernest Wang / Shree Kumar Dinesh
End of Day 4		
1900 – 2100 Symposium Dinner		

Workshops

1. Cervical Spine – Synthes
2. Thoracolumbar – Synthes
3. Minimally Invasive Surgery – Medtronic
4. Navigation – Medtronic

**NNI International Symposium of Neurosurgery
8 October 2010, Friday, 8:30 am to 5:30 pm
TTSH Theatrette, Singapore**

PROGRAMME – DAY 5

Time	Topic	Speakers / Instructors
0700 – 0830	Registration	
Pediatric and Functional		
Plenary Session 10 : TTSH Theatrette		
0830 – 0850	DBS surgery in movement disorders and pain	John Thomas
0850 – 0910	Radiosurgery in functional disorders	John Thomas
0910 – 0930	Psychosurgery – bane or boon	Ng Wai Hoe
0930 – 0950	Epilepsy surgery in the pediatric population	Derrick Chan
0950 – 1020	Tea Break	
Plenary Session 11 : TTSH Theatrette		
1020 – 1040	Treatment of spasticity	Seow Wan Tew
1040 – 1100	Occult spinal dysraphism	Seow Wan Tew
1100 – 1120	Foetal MR imaging	Tchoyoson Lim
1120 – 1140	Pediatric craniocervical junction abnormalities	Rajendra Tiruchelvarayan
1150 – 1300	Lunch	
1300 – 1500	Concurrent workshops Workshop 5 - Normal pressure hydrocephalus (Conference Room 1)	Shree Kumar Dinesh
	Workshop 6 - Neurotrauma (Conference Room 2)	Lee Cheng Kiang
1500 – 1530	Tea Break	
1530 – 1730	Concurrent workshops Workshop 5 - Normal pressure hydrocephalus (Conference Room 1)	Shree Kumar Dinesh
	Workshop 6 - Neurotrauma (Conference Room 2)	Lee Cheng Kiang
End of Symposium		

Workshops

1. Normal Pressure Hydrocephalus – Humedical
2. Neurotrauma – Synthes , Johnson & Johnson