

DAY 1
SATURDAY
08 APRIL 2017

SESSION 1
[8:30 - 12:30]

Session Organizer : **Abdulrazzag Ajlan**

JOINT SESSION

Hall 1

Invention Innovation and Technology Transfer

Time	Topic	Chairperson: Zainalabideen Jamjoom Essam Al Shail	Speaker
08:30 - 09:10	Clinical Trials: Bench to Clinic		Andrew Grande
09:10 - 09:30	Discussion		
09:30 - 10:15	The Craniocervical Junction: Embryology of bony malformations & Tailored Surgical approaches for young Children		Dachling Pang
10:15 - 10:30	Coffee Break		

SANS SESSION 1

Hall 1

Oncology

Time	Topic	Chairperson: Abdulrahman Sabbag Khalid Ahmed Demyati	Speaker
Invited Talks			
11:00 - 11:20	The WHO Classification: What is new for Gliomas		Hindi AlHindi
11:20 - 11:40	The New WHO Brain Tumor Classification: Radiological Implications		Razan Daghestani
Abstracts			
11:40 - 11:50	Approach to Brain tumor in elderly		Abdulrahman Al Anazi
11:50 - 12:00	Surgery for Deeply located Intracranial lesions under Intraoperative MRI Guidance		Yasser Ismail Orz
12:00 - 12:10	Frizzled-9, GFAP and Hetero-Regional Expression of stem Cells and Differentiation Markers ARE Associated with high grade and Recurrent Meningioma		Saleh S Baeesa
12:10 - 12:15	Surgical Treatment of Spinal Myxopapillary Ependymoma		Ahmed M. Alkhani
12:15 - 12:20	Public awareness of central Nervous system Tumors: Personally delivered Versus online administered Questionnaires		Saleh S Baeesa
12:20 - 12:25	The top 100 most cited Articles on Meningioma		Abdulrahman Albakr
12:25 - 12:30	Bevacizumab Utility in adult diffuse Brainstem Gliomas		Rihaf Hassan Algain

DAY 1
SATURDAY
08 APRIL 2017

APNS SESSION 1
[Spine]
 📍 Hall 2

Spine			
Time	Topic	Chairperson: Amro Al habib Abdessamed ElOuahabi Ahmad Ammar	Speaker
11:00 - 11:30	Total Resection of Complex Spinal Cord Lipoma and Complete Reconstruction of the Neural Placode: How, why and when to Operate		Dachling Pang
11:30 - 12:00	Intraoperative Neurophysiology Verifying Embryogenesis of Retained Medullary Cord, Terminal Myelocystocele, & Other Rare Secondary Neurulation Malformations		Dachling Pang
12:00 - 12:15	Neurophysiology in improving surgical outcome of congenital spine deformity		David MacDonald
12:15 - 12:30	Pediatric Neurosurgery in developing countries: past , present, and Future		Abdessamed ElOuahabi
12:30 - 13:30	🕌 Prayer, Lunch Break, & Lunch Seminars		
	Lunch Seminar		
12:30 - 13:30	The Neurosurgery training program: Past, Present & Future		Mohammed Homoud
12:30 - 13:30	Principles of Proton Therapy and its Role in Adult and pediatric CNS Tumors		Hussein Al Hussain Ali Balbaid





SESSION 2

[13:30 - 17:30]

Session Organizer : **Hosam AlJehani**

SANS JOINT SESSION

📍 Hall 1

SESSION 2: How I / We Do it			
Time	Topic	Chairperson: Maher Ibrahim Hassounah	Speaker
13:30 - 14:15	Stem cells Therapy in the Central Nervous system		Andrew Grande 
14:15 - 14:30	Discussion		
14:30 - 15:15	Severe Traumatic Brain Injury: Our Approach and Vision		Franco Servadei 
15:15 - 15:30	Discussion		
15:30 - 16:00	☕ Coffee Break		

DAY 1
SATURDAY
08 APRIL 2017

SANS SESSION 2
[Trauma and Critical Care]

Hall 1

Trauma and Critical Care

Time	Topic	Chairperson: Salah Al Akkad Sherif Alwatidy Mohammed Homoud	Speaker
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Invited Talks

16:00 - 16:20	Challenges in establishing a neurocritical care unit		Omar Ayoub
16:20 - 16:40	Challenges in the timely management of TBI patients		Thamir Al Junaid
16:40 - 16:45	Discussion		

Abstracts

16:45 - 16:52	Concussion What to do next?		Ibrahim Mohammed Alluwimi
16:52 - 16:59	Transient hyperemic response test and refractory ICP in sever TBI		Shaymaa Radhi Al-Umran
17:00 - 17:05	Intermittent hyperventilation as a safe adjunct to hyperosmolar therapy in the treatment of refractory Intracranial hypertension		Shaymaa Radhi Al-Umran
17:05 - 17:10	Case study: an infantile abuse due to jealousy		Hamzullah Khan
17:10 - 17:15	Discussion		
17:15 - 17:20	Intraspinal monitoring following spinal cord injury - an experience		Arwa AlShamekh
17:20 - 17:25	The sitting position in neurosurgery: A clinical study in 160 cases		Shamsul Alam
17:25 - 17:30	The Attitude of Health Care Providers toward Brain Death		Omar Ayob

DAY 1
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08 APRIL 2017

APNS SESSION 2
[Spine & Craniovertebral junction diseases]

📍 Hall 2

Spine & Craniovertebral junction diseases

Time	Topic	Chairperson: Saleh Baeesa Othman AlHammad Nidal Hayel Khasawneh	Speaker
16:00 - 16:40	Biomechanics of the Juvenile Spine and Cervical injuries Peculiar to Children		Dachling Pang
16:40 - 17:00	Chiari malformation, management strategy		Djamila Kafoufi Benderbous
17:00 - 17:20	Spinal Lipomas in Children		Nidal Hayel Khasawneh
17:20 - 17:25	Awareness of risk factors and preventive measures for neural tube defects and perception toward possible availability of pregnancy termination as an option in the Saudi population		Mohammed Abdullah Babgi
17:25 - 17:30	Pediatric Spinal Cord tumors: Osteoblastic Laminoplasty decreases the incidence of post operative spinal deformity.		Tariq Othman Alghamdi
19:00	Opening Ceremony		

DAY 2
SUNDAY
09 APRIL 2017

SESSION 3
[8:30 - 12:30]

Session Organizer : **Ahmed Hajraf Aloraidi**

SANS JOINT SESSION

Hall 1

Neurosurgery in Saudi Arabia Vision 2030

Time	Topic	Chairperson: Imad Kanaan Abdulrahman Al Anazi	Speaker
08:30 - 09:10	Health Care System in Singapore		Wan Tew Seow 
Moderator / Mahmoud A. AlYamany			
09:10 - 10:30	Panel Discussion: Neurosurgery in Saudi Arabia past present and future		Mahmoud A. AlYamany Tareef AlAma Abdulrahman AlAnazi  Omar AlShankity
10:30 - 11:00	 Coffee Break		

SANS SESSION 3
[Skull-base & Oncology]

Hall 1

Skull-Base & Oncology

Time	Topic	Chairperson: Theodore H. Schwartz Mahmoud Alyamani Saad Alhusain	Speaker
Invited Talks			
11:00 - 11:20	Out of kingdom referrals		Abdulrahman Al Ruwashed
11:20 - 11:40	Radiosurgery in Saudi Arabia		Ameen AlOmair
11:40 - 11:45	Discussion		
Abstracts			
11:45 - 11:50	Extended endonasal approaches to the skull base in the middle east: a new horizon		Abdulrahman Albakr
11:50 - 11:55	Endoscopic anterior skull base surgeries outcome and complications: literature review and 1-year academic center experience		Wisam Al Issawi
11:55 - 12:00	Incidence of post operative infarction due to Vasospasm in transsphenoidal Versus transcranial resection of Craniopharyngioma		Basim Mohammed NoorElahi
12:00 - 12:05	Endoscopic transnasal anterior skull base reconstruction technique post transnasal surgery: case series and meta-analysis.		Othman Tawfiq Almutairi
12:05 - 12:10	Discussion		
12:10 - 12:15	Anterior clinoid line: a predictor for operative outcome of medial sphenoid wing meningiomas		Ala F Arab
12:15 - 12:20	Epidural approach to the Cavernous sinus		Sofiane Ramdani Ramdani
12:20 - 12:25	Surgical Management of large anterior Clinoidal Meningioma Ahmed Farhoud Alexandria, Egypt		Ahmed Farhoud
12:25 - 12:30	Discussion		

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APNS SESSION 3
[Oncology]
 📍 **Hall 2**

Oncology			
Time	Topic	Chairperson: Mohamad Beltagy Mohammad Al Olama Eissa AbdulGhani	Speaker
11:00 - 11:20	The management of low grade gliomas in children: A neurosurgical perspective		James Rutka
11:20 - 11:35	Tumors in the first two years of life		Mohamad Beltagy
11:35 - 11:55	Medulloblastoma from a Difficult Past to Promising Future		James Rutka
11:55 - 12:10	Cerebellar Astrocytoma in Children/ Current Management and Treatment Protocol		Abdessamed ElOuahabi
12:10 - 12:30	Management strategy in patients with bilateral acoustic schwannoma in NF2		Wan Tew Seow
12:30 - 13:30	🕌 Prayer, Lunch Break, & Lunch Seminars		
	Lunch Seminar		
12:30 - 13:30	What My 3 Mentors Transmitted to me: Profs. T.M.Sundt Jr, A.L.Rhoton Jr & K.Sugita		Shigeaki Kobayashi
12:30 - 13:30	"Movements Disorders Treatment: The Latest Advances in Our Medical and Surgical Treatment of Parkinson Disease"		Hubert Fernandez



SESSION 4
[13:30 - 17:30]
 Session Organizer: **Faisal AlOtaibi**
SANS JOINT SESSION

Invention Innovation and Technology Transfer			
Time	Topic	Chairperson: Dr.Saggaf Assaggaf Mohammad Alolama	Speaker
13:30 - 14:10	Gene Therapy and Drug Delivery in Neurosurgery		Stephane Palfi 🇫🇷
14:10 - 14:50	The Development and Future Direction of Laser Brain Surgery		Michael Schulder 🇺🇸
14:50 - 15:29	Endoscopic Transsphenoidal Approaches to Skull Base		Theodore H. Schwartz 🇺🇸
15:30 - 16:00	☕ Coffee Break		

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SANS SESSION 4
(Functional and Epilepsy)

Hall 1

Functional & Epilepsy

Time	Topic	Chairperson: Ahmad Al khani Soha Alomar	Speaker
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Invited Talks

16:00 - 16:15	Research in Epilepsy: Where We Are Now?	Raidah Albaradie
16:15 - 16:30	Modulation of Epileptic Network By Responsive Technology	Faisal T Sayer
16:30 - 16:45	Robotic Surgery in Epilepsy	Soha Alomar
16:45 - 17:00	Magnetoencephalography (MEG) Pre-surgical Epileptic Focus Localization	Majed Alhameed
17:00 - 17:05	Discussion	

Abstracts

17:05 - 17:10	Delineate the Serotonin Innervation in Octopus arm by Immunohistochemistry	Sameh Farouk
17:10 - 17:15	Usage of brain training application improve cognitive function among healthy subjects: pilot study	Fahad Alsultan
17:15 - 17:20	Cross Sectional study to determine the Knowledge of Community about epilepsy and how to deal with its seizures in Riyadh -2014	Abdulrahman Alhomoud
17:20 - 17:25	Seizure outcomes after hemispherectomy for refractory epilepsy in Childhood and Adolescence	Mashaal O Al.Khateeb
17:25 - 17:30	Matrigel supports survival and neuronal differentiation of grafted embryonic stem cell-derived neural precursor cells	Mohamed Refaat

DAY 2
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APNS SESSION 4
[Epilepsy & Oncology]

📍 **Hall 2**

Epilepsy & Oncology			
Time	Topic	Chairperson: Elgohary Mohamed Elgohary Tony Rizk Ikhlas Al twaijri	Speaker
16:00 - 16:25	Brain stem Tumors in Children: Recent advances and future directions		James Rutka
16:25 - 16:50	MR guided Focused Ultrasound for Intraventricular Hemorrhage of Prematurity, and Pediatric Epilepsy		James Drake
16:50 - 17:15	Epilepsy surgery in children: Changing practice with MEG, HFO's, MRgFUS, DTI, and IONM		James Rutka
17:15 - 17:25	Neuro-endoscope vs. Other modalities in the Management of Arachnoid cysts		Nidal Hayel Khasawneh
17:25 - 17:30	Does normal life compatible with holoprosencephalus? A study of 10 cases out of 175 cases of NTD anomalies with 20 years follow up from Makkah		Mohamed Yousuf Sahib
19:00	Gala Dinner		

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SESSION 5
[08:30 - 12:30]

Session Organizer : **Hussam Saeed Alhabib**

SANS JOINT SESSION

Hall 1

Invention Innovation and Technology Transfer

Time	Topic	Chairperson: Saleh Baeesa Maha Abuyabis	Speaker
08:00 - 08:45	The Centre of Image Guided Innovation and Therapeutic Intervention at Sick kids Hospital. Fostering Innovation in Neurosurgery and Beyond		James Drake 
08:45 - 08:50	Discussion		
08:50 - 09:10	Intellectual property : - What is intellectual property - Types of IP - Routes of patent and patent search - Best strategy for funding the IP		Ibrahim Almufarrij 
09:10 - 09:30	Innovation & commercialization - What is innovation and difference between innovation and invention - The TRL tool used to monitor the readiness of the idea - Importance of local champion to inventors - Industrial knowledge and demand - The impact of regulations that can hinder or create the technology businesses		Khaled Alkhrafy 
09:30 - 09:50	Regulations : The impact of regulations that can hinder and create the technology businesses		Mamdouh Altuais 
09:50 - 10:00	True experience : Present badir services to support biotech startups		Abdulaziz Algabbaa 
10:00 - 10:10	True experience : A Story of a start up Drzone		Ayadh Alqarni 
01:10 - 10:30	Panel Discussion		All Members
10:30 - 11:00	 Coffee Break		

SANS SESSION 5(Spine)


Hall 2

Spine			
Time	Topic	Chairperson: Amro Al Habib Mohammad Halawani Abdulwahid Bernawi	Speaker
Invited Talks			
11:00 - 11:20	Navigation in Complex Spine Surgery		Sami Ibrahim AlEissa
11:20 - 11:40	Spinal Cord Stimulation: Past, Present, and Future		Mohammad Alolama
11:40 - 11:45	Discussion		
Abstracts			
11:45 - 11:50	Functional recovery of lumbar disk herniated patients: prolonged physiotherapy versus early surgical intervention		Safwat Abouhashem
11:50 - 11:55	Combined Percutaneous pedicle screw fixation and minimal access open posterior decompression for treatment of unstable thoracolumbar fractures		Mohamed Awad M. Ismail
11:55 - 12:00	Managing CSF leak post accidental durotomy		Abdulwahed Barnawi
12:00 - 12:05	Trapped lumbar five syndrome: introducing a new entity in Spine pathology observed in practice		Mahmood Hassan
12:05 - 12:10	Does removal of hypertrophic posterior longitudinal ligament along with cervical Discectomy affect surgical outcome in Anterior Cervical		Surath Sanjaya Kumara
12:10 - 12:15	Assessment of Spinal cord motion using MRI cine-fiesta Protocol.		Abdulrahman Albakr
12:15 - 12:20	An insight to the dilemma- co-existence of Ossificaion of posterior longitudinal ligament and cervical disc Prolapse		Surath Sanjaya Kumara
12:20 - 12:25	Does the suture technique influence wound infection rates after Neurosurgical Interventions? A single center case control study of 3295 elective Neurosurgical cases.		Bader ALHarbi
12:25 - 12:30	Comparative study of two skin incisions for microscopic lumbar Discectomy		Waeel Hamouda

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APNS SESSION 5
[Vascular & Craniosynostosis & trauma]

Hall 2





Vascular & Craniosynostosis & trauma			
Time	Topic	Chairperson: Ghanim AL Sulaiti Abdulrahman Sabbagh Sobhy Houissa	Speaker
11:00 - 11:40	Reconstruction surgery [cranioplasty] for skull defect in children - Biomaterials for cranial bone regeneration		Franco Servadei
11:40 - 12:00	Multimodality management of pediatric intracranial Arteriovenous malformations [AVM]		Yasser Ismail Orz
12:00 - 12:15	Moyamoya diseases in sickle cell diseases, management stragetic		Anwar Ul - Haq
12:15 - 12:25	Outcome after Pial synangiosis for Moyamoya disease case series [audit] by: Mohammed Bin Mahfoodh, Afnan Al-Khotani King Faisal Specialist Hospital & Research center - Jeddah		Afnan Uthman Al- Khotani
12:25 - 12:30	Discussion		
12:30 - 13:30	 Prayer, Lunch Break, & Lunch Seminars		
Lunch Seminar			
12:30 - 13:30	The future of Neurosurgery? where are we and to where are we going		Ahmed Sabry Ammar
12:30 - 13:30	"Endoscopic Endonasal and Open Approaches to the Skull Base: A Balanced Overview in Selecting the Appropriate Approach"		Pablo Recinos

SESSION 6
[13:30 - 17:30]

Session Organizer : **Ibrahim Al Naami**

SANS JOINT SESSION

Hall 1

The Japanese Society			
Time	Topic	Chairperson: Ahmed Ammar Bassem Yousef Sheikh	Speaker
13:30 - 14:10	Nervus Intermedius and Vestibular Schwannoma Surgery		Shigeaki Kobayashi 
14:10 - 14:50	Development of robotics for neurosurgery		Kazuhiro Hongo 
14:50 - 15:29	Nanotechnology in Neurosurgery: Recent advances and future applications		James Rutka 
15:30 - 16:00	 Coffee Break		

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SANS SESSION 6
[Vascular and General Neurosurgery]

📍 **Hall 1**

Vascular			
Time	Topic	Chairperson: Yaser Orz Ali Bin Salamah Abdullah Al Obaid	Speaker
Invited Talks			
16:00 - 16:20	Latest Endovascular Techniques for treatment of Complex Intracranial Aneurysms using Flow Diversion		Sultan Alqhatani
16:20 - 16:40	Endovascular Stroke Therapy: Evidence and Practice		Mohammed Almekhlafi
16:40 - 16:45	Discussion		
Abstracts			
16:45 - 16:50	Five years audit of surgical management of arterio-venous malformation in King Faisal Specialist Hospital and Research center Jeddah		Babar Butt
16:50 - 16:55	Spinal vascular malformations: management and outcome		Yasser Ismail Orz
16:55 - 17:00	Association of hepatic Aminotransferase levels with mortality and complications of Cerebrovascular stroke: a multicenter study in Saudi Arabia		Eman Alayad
17:00 - 17:05	Management of Brainstem Cavernoma		Meshari Alhuthayl
17:05 - 17:10	Discussion		
17:10 - 17:15	External ventricular drain versus fenestration of lamina terminalis - a comparison of effectiveness in reducing the ventriculo-peritoneal shunt		Surath Sanjaya Kumara
17:15 - 17:20	Spontaneous non-aneurysmal subarachnoid hemorrhage: presentation and the outcome in the biggest neurosurgery center in Saudi Arabia		Sami Khairy
17:20 - 17:25	The relationship between the quality of informed consent and Perioperative care patients' satisfaction in King Khalid University Hospital in Riyadh,		Shaikha Aldossari
17:25 - 17:30	Discussion		

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APNS SESSION 6
[Hydrocephalus]

Hall 2

Hydrocephalus			
Time	Topic	Chairperson: Ayman Al Bunayan Djamil Kafoufi Benderbous Sarmad Al Karawi	Speaker
16:00 - 16:20	Cognitive outcome of hydrocephalus patient		Wan Tew Seow
16:20 - 16:40	A Bi manual Neuroendoscopic Robot for intraventricular and Skull Base Surgery		James Drake
16:40 - 16:50	Trapped fourth ventricle management		Saleh Baesa
16:50 - 17:10	A Physical Brain Model for Neuroendoscopic Training, Evaluation, and Robot Design		James Drake
17:10 - 17:15	Dandy-Walker Syndrome – second thoughts and understanding		Abdulrazaq Abdulmohsen Alojlan
17:15 - 17:20	Idiopathic Intracranial hypertension in children		Hissah Khalid Al Abdulsalam
17:20 - 17:25	Cerebrospinal fluid diversion surgery in the Neuroendoscopy age		Nidal Hayel Khasawneh
17:25 - 17:30	Viscus perforation in children caused by peritoneal shunt catheters		Mohamad Bakhaidar
	Discussion		