



NEUROSURGERY

INTERNATIONAL MASTER CLASS

Updates & Techniques

22-24
NOVEMBER
2024



CONRAD DUBAI,
UAE

SHARJAH SURGICAL INSTITUTE

SCIENTIFIC AGENDA



DAY 1 Friday 22 Nov 2024 - Conrad Dubai

DAY 2 Saturday 23 Nov 2024 - Conrad Dubai

DAY 3 Sunday 24 Nov 2024
Cadaveric Workshop - Sharjah Surgical Institute

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DAY 1

Friday 22 Nov 2024

Neurosurgery International Master Class 2024: Updates & Techniques

8:00 - 8:30

Registration

Session 1: Neurosurgery- History and Future

Moderators

Dr. Mohammed Al Olama, Dr. Thaer Darwish

8:30 - 8:45

History of Neurosurgery in Dubai

Dr. Imad Hashim

8:45 - 9:00

AI in Neurosurgery: future prospects

Dr. Ahmed Quateen

9:00 - 9:15

Organisational culture: good and bad

Dr. Andrew Kay

9:15 - 9:30

Neurosurgeon under fire: UAE Gaza mission

Dr. Khaled Fares

9:30 - 9:35

Discussion

9:35 - 9:50

Opening Ceremony

9:50 - 10:00

Welcome Speech

Dr. Mohammed Al-Asha

10:00 - 10:10

Coffee Break

Session 2: Spine

Moderators

Dr. Imad Hashim, Prof. Atul Goel, Dr. Nicandro Figueiredo

10:10 - 10:25

Spinal cord injury

Dr. Daniel Resnick

10:25 - 10:45

Vertical spine instability

Prof. Atul Goel

10:50 - 11:05

Cervical deformity

Prof. Andrei Joaquim

11:05 - 11:20

Navigating the cervical spine

Dr. Ahmed Allam

11:20 - 11:35

Hybrid cervical spine surgery

Dr. Aseem Alhaj

11:35 - 11:50

Bertolotti's syndrome: 3D image-guided tubular transverse processotomy

Dr. Nicandro Figueiredo

11:50 - 12:05

Anterior to psoas: rationale and technical notes

Dr. Mohammed Arikat

12:05 - 12:15

Discussion

12:15 - 13:00

Grand Debate: Spine

Dr. Daniel Resnick
Dr. Lee H. Riley

13:00 - 14:00

Lunch break and Friday Prayer



Session 3: Skull Base: Endoscopic

Moderators

Prof. Maurizio Iacoangeli, Dr. Kentaro Watanabe, Dr. Waseem Aziz

14:00 - 14:15	Endoscopic trans-orbital surgery- a paradigm shift	Dr. Calvin Mak
14:15 - 14:30	Personal reflections on endoscopic skull base surgery: 15 years experience	Dr. Alessandro Paluzzi
14:30 - 14:45	Endoscopic trans cavernous approach for invasive pituitary adenoma	Dr. Francesco Doglietto
14:45 - 15:00	Management of vascular injuries during endoscopic skull base surgery	Dr. Mohamed Samy Elhammady
15:00 - 15:15	Tuberculum sellae meningioma: do all roads lead to Rome?	Dr. Mohammed Al-Asha
15:15 - 15:25	Discussion	
15:25 - 15:45	Coffee Break	

Session 4: Vascular 1

Moderators

Dr. Mohamed Samy Elhammady, Prof. Andreas Gruber, Prof. Luis Borba

15:45 - 16:05	Skull base approaches for complex thrombosed aneurysms	Dr. Kentaro Watanabe
16:05 - 16:20	High flow bypass for complex aneurysm surgery	Dr. Mario Teo
16:20 - 16:35	Cerebral revascularisation: indications and technique	Prof. Dr. Sajjad Muhammad
16:35 - 16:50	Pediatrics aneurysms management: surgical insights	Dr. Mohammed Al-Asha
16:50 - 17:05	Management of deep seated cerebral cavernoma	Dr. Robert Spetzler
17:05 - 17:20	Discussion	

Session 5: Pediatrics and functional

Moderators

Dr. Andrew Kay, Dr. Debora Garozzo, Dr. Gopalakrishnan

17:25 - 17:40	Thoracic outlet syndrome	Dr. Deborah Garozzo
17:40 - 17:55	Surgery for spasticity	Dr. Babak Humapour
17:55 - 18:10	Challenges in pediatrics tumors	Dr. Arun Rajeswaran
18:10 - 18:25	Posterior fossa syndrome	Dr. Aneela Darbar
18:25 - 18:40	Arachnoid cysts: which one we should treat?	Dr. Anwar Ahmad
18:40 - 18:55	Functional Neurosurgery and Epilepsy surgery : Our Experience at the University of Jordan	Dr. Mahmoud Abdallat
18:55 - 19:10	WFNS President elect speech to UAE Neurosurgeons	Prof. Luis Borba
19:10 - 19:15	Discussion and remarks	

Gala Dinner - 08:00 - 10:00 pm



DAY 2

Saturday 23 Nov 2024

Session 6: Neuroncology and Open Skull Base

Moderators

Prof. Luis Borba, Dr. Alessandro Paluzzi, Dr. Kentaro Watanabe

8:30 - 8:45	Skull Base surgery from maximal to minimal to the point	Dr. Luis Borba
8:45 - 9:00	Jugular foramen tumors surgery	Prof. Maurizio Iacoangeli
9:00 - 9:15	Vestibular schwannoma: Impact of trigeminal nerve symptoms and vestibular nerve on facial nerve outcome	Prof. Luciano Mastronardi
9:15 - 9:30	MDT restoration of hearing loss in NF2 patients	Dr. Florian Roser
9:30 - 9:45	Surgery for Giant vestibular schwannoma	Dr. Tarek Rayan
9:45 - 10:00	Rare pineal gland tumors	Dr. Andrew Kay
10:00 - 10:15	Skull Base meningioma: complications avoidance	Dr. Kentaro Watanabe
10:15 - 10:35	New Horizons in Glioma Management	Dr. Mohammed Al-Asha
10:35 - 10:45	Break	

Session 7: Spine

Moderators

Dr. Imtiaz, Dr. Ahmed Quateen, Dr. Marcus Head

10:45 - 11:00	Changing Perspectives on Cervical Arthroplasty	Dr. Daniel Resnick
11:00 - 11:15	Atlantoaxial instability as cause of Chiari malformation	Prof. Atul Goel
11:15 - 11:30	Intradural spinal tumors	Dr. Imad Hashim
11:30 - 11:45	Value based care: Johns Hopkins experience	Dr. Lee H. Riley
11:45 - 12:00	Current management of neuromuscular scoliosis	Dr. Ziad Ibrahim Aljian
12:00 - 12:15	Neuronavigation and robotic surgery: should we be worried?	Dr. Sameh Aboelfetouh
12:15 - 12:30	Why MIS is good for revision spine surgery?	Dr. Firas Husban
12:30 - 12:45	Augmented reality spine surgery: the future is here	Dr. Sirajeddin Belkhair
12:45 - 13:00	How new technologies are changing spine surgery	Dr. Michele Federico Pecoraro
13:00 - 13:45	Lunch Break	



Session 8: Vascular/Endovascular

Moderators Dr. Alessandro Paluzzi, Dr. Ahmed Quateen

13:45 - 14:00	Spinal AVMs management	Dr. Robert Spetzler
14:00 - 14:15	Cavernous sinus surgery	Prof. Luis Borba
14:15 - 14:30	Contralateral approaches for intracranial aneurysms	Prof. Andreas Gruber
14:30 - 14:45	Endovascular and open management of dural AV fistulas	Dr. Mohamed Samy Elhammady
14:45 - 15:00	Microsurgical clipping for brain aneurysms: how to sustain excellence?	Dr. Waseem Aziz
15:00 - 15:05	Discussion	
15:05 - 15:50	Grand Debate 2: Hybrid Neurovascular surgery: Good or Bad?	Dr. Robert Spetzler Vs. Prof. Andreas Gruber
15:50 - 16:05	Coffee Break	

Session 9: Free Paper Sessions / Abstract Submissions

Moderators Dr. Imad Hashim, Dr. Andrew Kay, Dr. Nicandro Figueiredo

16:05 - 16:15	Management of osteoporotic spinal fractures	Dr. Mohammed Arnaut
16:15 - 16:25	Selective Dorsal Root Rhizotomy	Dr. Kaveh Asadi
16:25 - 16:35	To infinity and beyond: Opening the blood brain barrier using focused ultrasound to help assist CAR t-cell therapy for glioblastoma	Dr. Amad Khan
16:35 - 16:45	Utility of CT perfusion imaging for diagnosis and management of delayed cerebral ischaemia following subarachnoid haemorrhage	Dr. Abdalla Mansour
16:45 - 16:55	Comparative Prospective Study for three types of cervical surgeries for CDD	Dr. Dihia Djourdikh
16:55 - 17:05	Giant Colloid Cysts: Evaluating Treatment Approaches and Patient Outcomes Through a Systematic Review	Dr. Yousef Bassi
17:05 - 17:15	Single Versus Double Burr Hole Craniostomy in Surgical Treatment of Chronic Subdural Hematoma: A Systematic Review and Meta-Analysis	Dr. Monisha Augustine
17:15 - 17:25	Discussion	
17:25 - 17:35	Closure and Best Poster and Best Presentation Award	Dr. Nicandro Figueiredo Dr. Mohammed Al-Asha



DAY 3

Sunday 24 Nov 2024

Cadaveric Lab Workshop

SPINE WORKSHOP

BRAIN WORKSHOP

Group A:
Basic Tips and Pitfalls (short lectures)

Group B:
Basic Tips and Pitfalls (short lectures)

Group C: Brain

9:00 - 9:15

Lumbar Endoscopy - Basic
(Interlaminar and Transforaminal)

Dr. Nizar Natoot

Posterior Occipitocervical and Subaxial
Screw Fixation

Prof. Andrei Joaquim

Endoscopic Endonasal Basic Techniques

Dr. Mario Teo

9:15 - 9:30

Lumbar Endoscopy - Advanced
(Decompression and Fusion)

Dr. Ali Guven

Sublaminar Lumbar Decompression
and Open Fusion

Dr. Lee H. Riley

Expanded Endoscopic Endonasal Techniques

Dr. Alessandro Paluzzi

9:30 - 9:45

MIS TLIF

Dr. Sameh Abolfotouh

OLIF technique

Dr. Firas Husban

9:45 - 10:00

XLIF Technique

Dr. Michele Federico Pecoraro

10:00 - 10:10

Coffee break

10:10 - 13:00

Practice: Group A

Practice Group B

Practice Group C
Skull Base Endoscopic Skills

13:00 - 13:45

Lunch break

Group B:
Basic Tips and Pitfalls (short lectures)

Group A:
Basic Tips and Pitfalls (short lectures)

13:45 - 14:00

Posterior Occipitocervical and Subaxial
Screw Fixation

Prof. Andrei Joaquim

Lumbar Endoscopy - Basic
(Interlaminar and Transforaminal)

Dr. Nizar Natoot

Middle Fossa approach

Prof. Luis Borba

14:00 - 14:15

Sublaminar Lumbar Decompression
and Open Fusion

Dr. Lee H. Riley

Lumbar Endoscopy - Advanced
(Decompression and Fusion)

Dr. Ali Guven

Foramen Magnum Approaches

Prof. Maurizio Iacoangeli

14:15 - 14:30

OLIF technique

Dr. Firas Husban

MIS TLIF

Dr. Sameh Abolfotouh

Retrosigmoid approach

Prof. Luciano Mastronardi

14:30 - 14:45

XLIF Technique

Dr. Michele Federico Pecoraro

14:45 - 14:55

Coffee break

14:55 - 17:45

Practice Spine: Group B

Practice Spine: Group A

Practice Group C
Skull Base Open Skills

17:45 - 18:00

Closing and feedback - Group Photo