

TOPIC: Keynote: Life as a spine surgeon
CHAIR: Bronek Boszczyk (Germany)



08:00 Welcome Bronek Boszczyk (Germany)
08:30 Lessons of life as a spine surgeon John Webb (UK)
08:45 Lessons of life as a spine surgeon Dietrich Schlenzka (Finland)
09:00 Lessons of life as a spine surgeon Max Aebi (Switzerland)
09:15 Lessons of life as a spine surgeon Randal Betz (USA)
09:30 Lessons of life as a spine surgeon in a developing world S Rajasekaran (India) VIRTUAL

09:45 - 10:30

BREAK

TOPIC: Cervical Spine Symposium - Portuguese Spine Society
CHAIR: Nuno Neves (Portugal)



10:45 Cervical arthroplasty - Where are we now? Nuno Neves (Portugal)
11:00 Different designs, different results? Bruno Santiago (Portugal)
11:15 Long term data Pedro Varanda (Portugal)
11:30 CDR in multilevel disease Miguel Casimiro (Portugal)
11:45 Preventing and managing complications Paul Thorpe (UK)
12:00 Discussion

TOPIC: Free Papers Deformity 2
CHAIR: Max Aebi (Switzerland)



10:45 Long-term Results Of Minimally Invasive Ventral Derotation spondylodesis With Special Attention To Early Onset Scoliosis Kerstin Henkelmann
11:00 Does the etiological diagnosis of Early onset scoliosis (EOS) determine the distractibility of Magnetically controlled growing rods (MCGR)? Nigil Palliyil / Masood Shafafy
11:15 Intraoperative CT-based Navigation Is More Accurate And Safer Way Of Lower Thoracic And Lumbar Pedicle Screw Insertion Than Traditional Fluoroscopy Guidance Barsa Pavel
11:30 Effectiveness Of The Ultrasonic Bone Scalpel Ponte Osteotomy (Ubsp) In Posterior Correction Of Lenke Type 1 Adolescent Idiopathic Scoliosis (Ais) Ali Shetawi / Masood Shafafy
11:45 Pulmonary Function Analysis After Vertebral Body Tethering For Adolescent Idiopathic Scoliosis Alice Baroncini, MD PhD
12:00 Discussion

TOPIC: Complications in Paediatric Deformity Surgery
CHAIR: Randal Betz (USA)



10:45 Thromboprophylaxis in paediatric deformity surgery - evidence, risks, benefits Jwalant Mehta (UK)
11:00 Interpreting neuromonitoring alerts and what to do Randal Betz (USA)
11:15 Conducting reduction manoeuvres in neurological high risk deformities Rob Dunn (South Africa) VIRTUAL
11:30 Planing the return to theatre after neurological compromise Ibrahim Obeid (France)
11:45 Rare Complication Of Thoracic Spine Surgery: Paediatric Horner's Syndrome After Posterior Vertebral Column Resection T3-T4 For Congenital Scoliosis - A Case Report Pawet Grabala
12:00 Discussion

TOPIC: Pathophysiology and Imaging in Lumbar Spine Degeneration LIVE VIRTUAL SESSION
CHAIR: Kenneth Cheung (Hong Kong)



10:45 Update on the pathophysiology of lumbar disc degeneration Kenneth Cheung (Hong Kong)
11:00 Is sub-clinical infection a cause for disc degeneration S Rajasekaran (India)
11:15 Spectroscopy and novel MRI technology in interpreting disc degeneration B T PUSHPA (India)
11:30 Modic changes - is it infective end- platisis? S Rajasekaran (India)
11:45 Hybrid Single-photon emission computerized tomography efficiency and role in management of low back pain. Syed M Hashmi
12:00 Discussion

12:30 - 13:30

LUNCH BREAK

TOPIC: Endoscopic Surgery and Microsurgery 1
CHAIR: Magnum Tsegaye (UK)



13:30 Management of disc herniation in children Dietrich Schlenzka (Finland)
13:45 Microsurgical translaminal and extraforaminal discectomy Magnum Tsegaye (UK)
14:00 Early Clinical Results Of A Novel Nucleus Replacement Device Dr. G. Michael Hess
14:15 Mini-open retropleural microsurgery for disc herniation Ciaran Bolger (Ireland)
14:30 Discussion

TOPIC: Free Papers Deformity 1
CHAIR: Max Aebi (Switzerland)



13:30 Pulmonary And Health-related Quality Of Life Outcomes Temporary Internal Distraction Followed By Staged Pedicle Screws Instrumentation In Adolescents With Severe Idiopathic Scoliosis Vs. Moderate Idiopathic Scoliosis Pawet Grabala
13:45 The Effects Of Vertebral Body Tethering On Sagittal Parameters - 2 Year Follow-up Alice Baroncini, MD PhD
14:00 A Comparison In Patient Reported Outcomes In Patients Undergoing Anterior Or Posterior Correction Of Scoliosis Hafsa Abdullahi (VIRTUAL LIVE)
14:15 Lumbar VBT: Radiographic Outcomes And Analysis Of 1-cord Vs. 2-cord Constructs Alice Baroncini, MD PhD
14:30 Discussion

TOPIC: Congenital Deformity
CHAIR: Ibrahim Obeid (France)



13:30 Surgical planning in complex congenital deformity Peter Newton (USA)
13:45 Sacral agenesis - treatment strategies Jwalant Mehta (UK)
14:00 Surgical techniques and challenges in congenital thoracic and lumbar deformity Ibrahim Obeid (France)
14:15 Challenges in congenital cervico-thoracic deformity Firoz Miyanji (Canada)
14:30 Discussion

TOPIC: TB Deformity LIVE VIRTUAL SESSION
CHAIR: S Rajasekaran (India)



13:30 Guidance on instability and need of reconstruction S Rajasekaran (India)
13:45 Challenging TB deformity cases from my practice Kenneth Cheung (Hong Kong)
14:00 Challenging TB deformity cases from my practice Rob Dunn (South Africa)
14:15 Antitubercular therapy for surgeons (what to give when and for how long!) Abhay Nene (India)
14:30 Discussion

15:00 - 15:30

BREAK

TOPIC: Free Papers
CHAIR: Paul Thorpe (UK)



15:30 Late-onset Progressive Myelopathy Secondary To Odontoid Fracture Nonunion And Retro-odontoid Pannus Bárbara Costa
15:45 Heterotopic Ossification After Cervical Arthroplasty Dr. Raúl Baggen Santos
16:00 A Rare Case Of Bilateral Psoas Haematoma Following Extracorporeal Membranous Oxygenation In A Patient With Severe Covid-19 (Sars Cov-2) Simran Gill (VIRTUAL LIVE)
16:15 Culture Negative Extra Pulmonary Spinal Tuberculosis - A New Challenge Ali Taha (VIRTUAL LIVE)
16:30 Discussion
17:00 Close

TOPIC: Spondylolisthesis
CHAIR: Dietrich Schlenzka (Finland)



15:30 Management of spondylolysis and low grade spondylolisthesis in children Nuno Neves (Portugal)
15:45 Dome resection and posterior reduction techniques for high grade spondylolisthesis Peter Newton (USA)
16:00 Anterior-posterior trans-L5 in-situ fusion for balanced high grade spondylolisthesis Bronek Boszczyk (Germany)
16:15 Management Of High Grade Spondylolisthesis: A Novel Single Stage Minimal Invasive Technique Pranav Shah - LIVE VIRTUAL
16:30 Discussion
17:00 Close

TOPIC: Dysraphic Conditions
CHAIR: John Webb (UK)



15:30 Spinal neurosurgical management of dysraphic conditions Ciaran Bolger (Ireland)
15:45 Managing congenital lumbar kyphosis in young children Ralf Stücker (Germany)
16:00 Managing combined Chiari malformation and scoliosis Magnum Tsegaye (Nottingham)
16:15 Managing complex combined dysraphism and scoliosis Rob Dunn (South Africa) LIVE VIRTUAL
16:30 Discussion
17:00 Close

TOPIC: Free papers Spinal Trauma
CHAIR: Pre-Recorded Virtual Session
15:30 Modern Guerilla Warfare And Penetrating Missile Injuries Of The Cervical Spine. Thamer Hamdan

15:45 Outcome Of Percutaneous Pedicle Screw Fixation For Traumatic Thoracolumbar Fractures -six Years Experience Syed M Hashmi
16:00 Review Of Classification In Traumatic Pediatric Thoracolumbar Fractures Smrithi Sriram
16:15 Spinal Cord Infarction In A Polytrauma Patient Elisabeth Bonor
16:30 Consequences Of Neglected Traumatic Spinal Cord Injuries: Tertiary Center Experience Abdulrahman AlHabeeb
16:45 Internal Decapitation Of Head: A Case Report Pranav Shah
17:00 LIVE Q&A

17:00 - 19:00

WELCOME RECEPTION

4th June - Please note that the programme may be subject to change

NSpine

INTERNATIONAL SPINE EDUCATION

WEDNESDAY, 14TH JULY 2021

NSPINE 5TH MULTI-DISCIPLINARY SPINE CONFERENCE PROGRAMME

TOPIC: EOS - Aetiology, Casting and Bracing CHAIR: Firoz Miyanji (Canada) 		TOPIC: EOS - Surgical Management 1 CHAIR: Ralf Stücker (Germany) 	
08:15	EOS - update on aetiology and natural history - important lessons for clinical practice René Castelein (Netherlands)	10:45	Overview of growth modulating implants and evidence for EOS René Castelein (Netherlands)
08:30	Casting - how I do it and educational cases Ralf Stücker (Germany)	11:00	VEPTR in young (<3yo) children Ralf Stücker (Germany)
08:45	Bracing vs casting vs growth modulation surgery - my experience Peter Newton (USA)	11:15	Passive surgical growth modulation techniques in my practice Masood Shafafy (UK)
09:00	The role and technique of Halo traction in my practice Ahmet Alanay (Turkey) LIVE VIRTUAL	11:30	Active surgical growth modulation technique in my practice René Castelein (Netherlands)
09:15	The role and technique of Halo traction in my practice Ralf Stücker (Germany)	11:45	Hybrid growth modulating devices (combining systems) Ahmet Alanay (Turkey) LIVE VIRTUAL
09:30	Discussion	12:00	Discussion
09:45 - 10:30			
BREAK			
TOPIC: EOS - Surgical Management 1 CHAIR: Ralf Stücker (Germany) 		TOPIC: Endoscopic Surgery and Min invasive Surgery 2 CHAIR: Frank Hassel (Germany) 	
10:45	Overview of growth modulating implants and evidence for EOS René Castelein (Netherlands)	10:45	Tackling the learning curve in endoscopic spine surgery Miguel Loureiro (Portugal)
11:00	VEPTR in young (<3yo) children Ralf Stücker (Germany)	11:00	Endoscopic Spine Surgery – Early Results Of The First 36 Consecutive Cases Ricardo Sousa
11:15	Passive surgical growth modulation techniques in my practice Masood Shafafy (UK)	11:15	Comparison Study Of Multifidus Muscle Changes Between Microdiscectomy And Full-endoscopic Interlaminar Discectomy Changik Lee - LIVE VIRTUAL
11:30	Active surgical growth modulation technique in my practice René Castelein (Netherlands)	11:30	Septic Arthritis Of The Lumbar Facet Joint With Associated Epidural Abscess Treated With Endoscopic Spinal Surgery - A Case Report Nádia de Oliveira
11:45	Hybrid growth modulating devices (combining systems) Ahmet Alanay (Turkey) LIVE VIRTUAL	11:45	Endoscopic SIJ and facet joint denervation Miguel Loureiro (Portugal)
12:00	Discussion	12:00	Discussion
12:30 - 13:30			
LUNCH BREAK			
TOPIC: EOS - Surgical Management 2 CHAIR: Pat Kiely (Ireland) 		TOPIC: G-Spine Ortho Consulting Group Sessions CHAIR: Matt Woods 	
13:30	Is there a role for converting growth modulation to VBT Randal Betz (USA)	10:45	G-Spine Ortho Consulting Group Sessions CHAIR: Matt Woods
13:45	My long-term experience with MCGR Ralf Stücker (Germany))	11:00	Endoscopic Spine Surgery – Early Results Of The First 36 Consecutive Cases Ricardo Sousa
14:00	Complications and revisions in growth modulation surgery Kenneth Cheung (Hong Kong) - LIVE VIRTUAL	11:15	Comparison Study Of Multifidus Muscle Changes Between Microdiscectomy And Full-endoscopic Interlaminar Discectomy Changik Lee - LIVE VIRTUAL
14:15	The role of early definitive fusion without growth modulation Firoz Miyanji (Canada)	11:30	Septic Arthritis Of The Lumbar Facet Joint With Associated Epidural Abscess Treated With Endoscopic Spinal Surgery - A Case Report Nádia de Oliveira
14:30	Discussion	11:45	Endoscopic SIJ and facet joint denervation Miguel Loureiro (Portugal)
15:00 - 15:30			
BREAK			
TOPIC: EOS Case Forum Masterclass CHAIR: René Castelein (Netherlands) 		TOPIC: Endoscopic Surgery and Min invasive Surgery 3 CHAIR: Nuno Neves (Portugal) 	
15:30	Fixation and correction techniques in EOS - educational cases from my practice Pat Kiely (Ireland)	10:45	G-Spine Ortho Consulting Group Sessions CHAIR: Matt Woods OCG (UK) 
15:45	Fixation and correction techniques in EOS - educational cases from my practice Jwalant Mehta (UK)	11:00	Endoscopic Spine Surgery – Early Results Of The First 36 Consecutive Cases Ricardo Sousa
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12:00			
12:30			
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15:00			
15:30			
15:45			
16:00			
16:15			
16:30			
17:10-17:30			
KEYNOTE - TBC			
19:00 - 12:00			
SPINE AND WINE DEBATE FOLLOWED BY THE CONFERENCE DINNER			

NSpine
International Spine Association

THURSDAY, 15TH JULY 2021

NSPINE 5TH MULTI-DISCIPLINARY SPINE CONFERENCE PROGRAMME

TOPIC:
CHAIR:

Apifix vs VBT vs Bracing in AIS
John Webb (UK)

08:15

Natural history of AIS - when is "no treatment" an option
Am Rai (UK)

08:30

Bracing - evidence, technique and my experience
Peter Newton (USA)

08:45

Apifix - evidence, technique and my experience
Biren Desai (Germany)

09:00

VBT - evidence, technique and my experience
Per Trobisch (Germany)

09:15

Debate Apifix vs VBT vs Bracing Debate
All

09:30

Debate Apifix vs VBT vs Bracing Debate
All

09:45 - 10:30

BREAK

TOPIC:
CHAIR:

VBT 1
Per Trobisch (Germany)

10:45

Validation Of A New Classification For The Surgical Planning Of Vertebral Body Tethering (VBT)
Alice Baroncini

11:00

VBT - decision making in young children
Peter Newton (USA)

11:15

VBT - decision making in teenagers
Baron Lonner (USA)

11:30

VBT in neuromuscular scoliosis
Randal Betz (USA)

11:45

Update on outcomes in VBT
Firoz Miyanji (Canada)

12:00

Discussion

TOPIC:
CHAIR:

Spinal Metastasis 1
Christian Mazel (France)

08:15

Spinal metastasis of unknown origin – work-up strategies
Jason Bernard (UK)

08:30

Advanced imaging techniques in metastatic spinal tumours
Alexander Disch (Germany)

08:45

Differentiating spinal metastasis and primary tumours
Jeremy Reynolds (UK)

09:00

Decision making in acute spinal cord compression from metastasis of unknown origin
Jason Bernard (UK)

09:15

Know your enemy - behaviour of metastatic tumour types
Jeremy Reynolds (UK)

09:30

Discussion

TOPIC:
CHAIR:

Advanced Anterior and Lateral Access Techniques
Khai Lam (UK)

10:45

Theatre set-up and midline ALIF technique
Khai Lam (UK)

11:00

Theatre set-up and OLIF technique
Darren Lui (UK)

11:15

Thoracolumbar XLIF approaches
Khai Lam (UK)

11:30

Theatre set-up and L5/S1 MIS 360 Technique
Navin Verghese (UK)

11:45

Advanced anterior lumbar correction and disc replacement techniques in adult deformity
Bronek Boszczyk (Germany)

12:00

Discussion

TOPIC:
CHAIR:

VBT 2
Randal Betz (USA)

13:30

Technical steps in mini-open thoracic and lumbar VBT
Baron Lonner (USA)

13:45

Thoracoscopic technique and limits for VBT
Firoz Miyanji (Canada)

14:00

Revision strategies in construct failures and overcorrection after VBT
Peter Newton (USA)

14:15

Hybrid VBT-fusion constructs
Baron Lonner (USA)

14:30

Discussion

TOPIC:
CHAIR:

Spinal Metastasis 3 and Pancoast Tumours
Jeremy Reynolds (UK)

13:30

Ablation technology in surgery for spinal metastasis
Alexander Disch (Germany)

13:45

En-bloc surgery for spinal metastasis - successes and failures
Jeremy Reynolds (UK)

14:00

Multisegmental thoracic vertebral resection techniques and the risk for vascular spinal cord injury
Alexander Disch (Germany)

14:15

L5 Tomita En Bloc Spondylectomy For Oligometastatic Liposarcoma With Post Adjuvant Stereotactic Ablative Radiotherapy
Mohsen Raza

14:30

Discussion

TOPIC:
CHAIR:

Advanced Anterior and Lateral Access Techniques and Robotics
Jake Timothy (UK)

13:30

The use of robotics in 360 surgery
Khai Lam (UK)

13:45

Navigated Robotic Assisted Spine Surgery in the United Kingdom: Experience and report of early cases
Gustavo Carriço / Khai Lam (UK)

14:00

Technical limits and pitfalls in L5/S1 lateral surgery
Jake Timothy (UK)

14:15

Decision making between fusion and disc replacement
Khai Lam (UK)

14:30

Discussion

TOPIC:
CHAIR:

Complex Techniques in Severe EOS and AIS
Firoz Miyanji (Canada)

15:30

Challenging cases from my practice - my techniques
René Castelein (Netherlands)

15:45

Challenging cases from my practice - my techniques
Baron Lonner (USA)

16:00

Challenging cases from my practice - my techniques
Per Trobisch (Germany)

16:15

Challenging cases from my practice - my techniques
Max Aebi (Switzerland)

16:30

Challenging cases from my practice - my techniques
Masood Shafafy (UK)

17:00

Close

TOPIC:
CHAIR:

Neurogenic and intraspinal tumours
Jake Timothy (UK)

15:30

Management of thoracic dumbbell tumours
Christian Mazel (France)

15:45

Management of paraspinal nerve sheath tumours
Jeremy Reynolds (UK)

16:00

Managing spinal ependymomas
Jake Timothy (UK)

16:15

Endoscopic spinal tumour surgery
Marcio Cunha (Brazil) - LIVE VIRTUAL

16:30

Discussion

17:00

Close

TOPIC:
CHAIR:

Lumbar Adult Deformity Correction Techniques
Navin Verghese (UK)

15:30

Theatre set-up and combined prone posterior release and XLIF techniques
Gergely Bodon (Germany) - LIVE VIRTUAL

15:45

Advanced indications and techniques in 360 single position surgery
Gergely Bodon (Germany) - LIVE VIRTUAL

16:00

Advanced lateral lumbar correction techniques in adult deformity
Navin Verghese (UK)

16:15

Composite rod technology in aduly deformity correction
Steve Hansen (Luxembourg)

16:30

Discussion

17:00

Close

TOPIC: Syndromic and Neuromuscular Scoliosis 1
CHAIR: Masood Shafafy (UK)



- 08:15** Understanding and managing skeletal dysplasias and resulting spinal deformity
Kenneth Cheung (Hong Kong) VIRTUAL LIVE
- 08:30** Paediatric spinal deformity correction in bone formation disorders
Am Rai (UK)
- 08:45** Scoliosis in osteogenesis imperfecta
René Castelein (Netherlands)
- 09:00** Paediatric spinal deformity correction in neurofibromatosis
Jwalant Mehta (UK)
- 09:15** Paediatric spinal deformity in rare syndromic disorders
Pat Kiely (Ireland)
- 09:30** Discussion

TOPIC: Lumbopelvic Tumour Constructs
CHAIR: Alexander Disch (Germany)



- 08:15** Instrumenting the pelvis and sacrum in tumours - how I build reliable constructs
Alexander Disch (Germany)
- 08:30** Sacral resections - critical appraisal of indications
Jeremy Reynolds (UK)
- 08:45** Rectal carcinoma with perisacral infiltration - nerve sparing combined posterior - anterior surgery
Broniek Boszczyk (Germany)
- 09:00** Challenges in L5 resection and reconstruction - how I do it
Alexander Disch (Germany)
- 09:15** Pelvic ring constructs - technical possibilities
Broniek Boszczyk (Germany)
- 09:30** Discussion

09:45 - 10:30

BREAK

TOPIC: Syndromic and Neuromuscular Scoliosis 2
CHAIR: Jwalant Mehta (UK)



- 10:45** Corrective scoliosis strategies in different GMFCS cerebral palsy grades
Am Rai (UK)
- 11:00** Role of Combined Selective Dorsal rhizotomy and posterior correction of spastic neuromuscular scoliosis
Masood Shafafy (UK)
- 11:30** When and how to include anterior release
Jwalant Mehta (UK)
- 11:45** When (and how) to fuse to the pelvis in cerebral palsy
Am Rai (UK)
- 12:00** Neuromuscular scoliosis in muscular dystrophy and spinal muscular atrophy - surgical timing and strategies
Masood Shafafy (UK)
- Discussion

TOPIC: Cervical Tumour Constructs
CHAIR: Jeremy Reynolds (UK)



- 10:45** Anterior approaches to the upper thoracic vertebrae for tumour resection
Christian Mazel (France)
- 11:00** Atlantoaxial tumours - resection and stabilisation techniques
Jeremy Reynolds (UK)
- 11:15** Managing Pancoast tumours - decision making and surgical technique
Christian Mazel (France)
- 11:30** Cervical reconstructive constructs - how I do it
Alexander Disch (Germany)
- 11:45** Tumour resections in the vicinity of the vertebral artery - technical aspects
Christian Mazel (France)
- 12:00** Discussion

12:00

CONFERENCE ENDS

12:30