

Contact for info and booking:
info@nspine.com

Delegate Flyer

NSpine

innovative spine education™

6th NSpine Winter Masterclass

15-21 January 2023

Group 1: 15 - 17 January

Group 2: 17 - 19 January

Group 3: 19 - 21 January

Kulm Hotel
Arosa, Switzerland



Accredited with 36 European CME credits

www.nspine.com



The NSpine Arosa Winter Masterclass - an exceptional event

Our special “Masterclass” is now established as the premier case discussion forum; renowned not only the discussion of complex cases, but importantly for the engagement and the friendly atmosphere of the debates.

Each Masterclass combines 12 hours of CME accredited sessions together extended free time for informal networking and other pursuits.

Many of our participants return each year confirming the event as their most valuable professional learning experience.

Included in your package is the course fee, hotel accommodation and breakfast, as well as networking dinners in the Hotel Kulm’s famed restaurants. Partners and families are welcome to attend.

Set against the stunning backdrop of the Swiss Alps, the Kulm Hotel in Arosa affords the perfect location to encourage clear thought and debate in the NSpine sessions balanced with the splendors and relaxation of winter recreation in your free time.



Bronek Boszczyk,
Spine Surgeon | NSpine Founder

Programme

Format

- Case based interactive discussions.
- The complexity is at expert level and covers unusual cases, technical challenges, custom solutions and complications - typically around 30 cases are covered per day
- Each Masterclass group includes 4 sessions (total of 12 hours)
- Delegates may book onto multiple groups
- Faculty and cases differ between groups
- Each day is concluded with a networking dinner

Schedule

Sunday 16:15 - 19:30	Monday 8:30 - 11:45	Monday 16:15 - 19:30	Tuesday 8:30 - 11:45	Tuesday 16:15 - 19:30	Wednesday 8:30 - 11:45	Wednesday 16:15 - 19:30	Thursday 8:30 - 11:45	Thursday 16:15 - 19:30	Friday 8:30 - 11:45	Friday 16:15 - 19:30	Saturday 8:30 - 11:45
Group 1											
				Group 2							
				Group 3							

Accreditation

- The event has been accredited with 36 European CME credits (12 per group)



Content

- Deformity / Min Invas Degenerative challenges are the primary focus with trauma and tumour featured in specific cases
- Discussions and cases can however expand into any area of interest especially complex subspecialty cases

Topics

- Paediatric deformity

Early onset scoliosis

Congenital and syndromic scoliosis

Dysraphic condition and myelomeningocele

Caudal regression

Adolescent idiopathic scoliosis

Spondylolisthesis

Growth modulation

Complex reconstructive techniques

Cervical deformity

Paediatric trauma

Paediatric tumours

Neuromonitoring incidents

Topics

- Adult deformity and degeneration

MIS and lateral techniques

ALIF / OLIF / XLIF / TLIF

Advanced reconstructive techniques

Advanced pelvic fixation techniques

Spinal endoscopy

Cervical and lumbar arthroplasty

Cervical deformity

Cervical myelopathy

Osteoporotic deformity

Post traumatic deformity

Rheumatoid instability

Revision surgery

Faculty

Confirmed Faculty (status November 2022)

6 expert international faculty moderate and discuss cases each day.
Most faculty change for each group with different cases being presented for each group.
Please note that as clinicians with patient responsibility, faculty and faculty allocations are potentially subject to change.

Group 1



S Rajasekaran
India



Per Trobisch
Germany



Bronek Boszczyk
Germany



Michael Ruf
Germany



Junseok Bae
South Korea



Pat Kiely
Ireland

Group 2



S Rajasekaran
India



Bronek Boszczyk
Germany



Ciaran Bolger
Ireland



Stefan Parent
Canada



Junseok Bae
South Korea



Jin-Sung
LUKE
Kim
South Korea

*attending from 18th onward

Group 3



Ralf Stücker
Germany



Jean-Charles
Le Huec
France



Bronek Boszczyk
Germany



Philip Horsting
Netherlands



Frank Hassel
Germany



Jin-Sung
LUKE
Kim
South Korea

Delegates may bring and
present own cases

Open and honest discussion is
at the heart of this meeting

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Case Program Group 1

Sun 15th - Tue 17th Jan 2023

Case duration is 10-15 minutes each. Where applicable surgical videos are added.

Of the below case options approximately 40 will be presented and discussed in this group. Delegates will be contacted before the event to mark which cases are of greatest interest. Delegates will also be able to request other case pathologies and to submit own cases to make up a total of around 50 cases.



Paediatric Deformity

Reconstructive spondylolysis repair in 14 yo soccer player
Spondylolysis repair - worst outcome
13 yo Posterior reduction and monosegmental fusion for spondylolisthesis grade 4
High Grade spondylolisthesis in a 13 yo, laparoscopic assisted surgical management
Complications and dilemmas in a high grade spondylolisthesis in 14 yo
6 yo Motion preserving correction of lumbar congenital kyphosis
Kyphectomy and growth friendly strategy in a 2.5 yo
Spinal lengthening in 9yo with previous perinatal gibbus resection
6 yo Opening wedge osteotomy for correction of severe thoracic congenital scoliosis
Multi-stage surgery in large paediatric deformity
Revision VCR in high grade kyphoscoliosis complicated by complete MEP loss in 6 yo
9 yo Severe kyphoscoliosis with paraparesis in neurofibromatosis - surgical management
Complex Omega buckling collapse deformity in a 15 yo with NF
Severe atlantoaxial instability in syndromic (Marfan-like) teenager
17 yo Sacral agenesis - correction within the sacroiliac joints
10 yo C1 osteotomy for correction of severe atlantoaxial rotational dislocation
2yo C1-2 luxation in Down's syndrome with myelopathy - reduction and fusion
12 yo AP correction of congenital cervical kyphosis with posterior dislocation of C3
18 yo NF and 140 deg cervical kyphosis complicated by Bezold-Jarisch reflex during surgery
2 yo cervical kyphosis in Larsen's syndrome - surgical challenges
Where did that come from - Newly presenting 15 yo AIS with 150 degree curve
Selective posterior thoracic AIS scoliosis correction
Back to the front- still a role for anterior AIS correction surgery ?
Selective anterior thoracic VBT scoliosis correction
Carbon-composite semiflexible correction of AIS
Double VBT in AIS
Retrophrenic / retropleural thoracolumbar VBT in 14 yo with Marfan Syndrome
Revision in failed VBT
'Everyday's a schoolday' Learnings from the IONM team and assistive technologies in the operating room



Accredited with 12 CME points

Adult Deformity and Degenerative

22 yo Gaines procedure for lumbosacral spondylolisthesis
Surgical management of 41 yo with multiple hemivertebra
Gradual internal distraction strategy in congenital scoliosis salvage in an adult with type 1 respiratory failure
LIF assisted salvage in later spine deformity management
42 yo Hemivertebra resection at C1
Managing basilar invagination in atlas assimilation
Transforaminal endoscopic decompression on 87 yo with decompensated degenerative scoliosis and radicular pain
Endoscopic lumbar interbody fusion on 58 yo with degenerative spondylolisthesis
Awakened full endoscopic anterior cervical foraminotomy on 36 yo with cervical foraminal disc herniation
Transforaminal endoscopic decompression for multilevel calcified thoracic disc herniation
Anterior microsurgical resection of giant calcified transdural thoracic disc herniation
Endoscopic revision surgery for ventral spinal cord compression after transthoracic resection ossification of the posterior longitudinal ligament
Vertebral artery transposition for radicular compression in adult
Correction of severe osteoporotic adult deformity following failed vertebroplasty

Tumour and Trauma

3 yo Traumatic dislocation of the odontoid apophysis
18 month old infant with traumatic cervical spine injury
Posterior cervical ligamentous injury in child
Traumatic craniocervical dissociation and displaced condyle fracture in adolescent
Anterior atlantoaxial fixation for complex odontoid fracture in the elderly
10 yo Aneurysmatic bone cyst at C5 - surgical treatment
8 yo Recurrent osteoblastoma at the lateral mass of C1
10 yo Huge Aneurysmatic bone cyst at the craniocervical junction
AP resection of large ABC at L4 in 10 yo
En-bloc, single stage resection of Pancoast tumour

Delegates may bring and present own cases

Open and honest discussion is at the heart of this meeting

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Case Program Group 2

Tue 17th - Thu 19th Jan 2023

Case duration is 10-15 minutes each. Where applicable surgical videos are added.

Of the below case options approximately 40 will be presented and discussed in this group. Delegates will be contacted before the event to mark which cases are of greatest interest. Delegates will also be able to request other case pathologies and to submit own cases to make up a total of around 50 cases.



Accredited with 12 CME points

Paediatric Deformity

Active Spinal Tuberculosis with progressive deformity in a child

Severe Lumbosacral kyphosis - Post TB

15 year old male with Post infective kyphosis of 120 degrees. - Closing-Opening wedge osteotomy

Fixed Rotary subluxation of C1 and C2 in a 13 year old Female

Endoscopic resection of Dens in 17 yo with respiratory compromise

VBT in young child - challenges in growth modulation

Achondroplastic thoracolumbar deformity - surgical strategy

Surgical management of rigid thoracic kyphosis

Revision strategy in VBT overcorrection

Retropleural hybrid VBT in high grade thoracolumbar neuromuscular scoliosis

Muscle splitting thoracic growing rod construct in syndromic kyphoscoliosis in 4 yo m with spondylometaphyseal dysplasia

Carbon-composite correction of hyperlordosis in 11 yo m with MMC

Carbon-composite thoracic AIS correction

Semi-flexible kyphoscoliosis correction in blind syndromic 13 yo f with involuntary repetitive flexion motion

13 yo with congenital scoliosis with thoracic bar and progression - Bar excision and open wedge osteotomy

13 yo with intraop anterior spinal artery syndrome during deformity correction treated with vasolytic epidural injection

Surgical management in balancing Scheuerman Kyphosis

Adult Deformity and Degenerative

Simultaneous Decompression through Single-stage Mini-thoracotomy for Concurrent OPLL and OLF at the Same Thoracic Level

Minimally Invasive, retropleural resection Giant Thoracic disc in 46 year old male with myelopathy

An octagenarian patient with NIC: Enbloc removal of ligamentum flavum with biportal endoscopic technique.

Interlaminar endoscopic lumbar discectomy with laminar levering technique on 35 yo with huge upward migrated disc herniation

37-yo with NIC due to lumbar stenosis: full-endoscopic over-the-top decompression

Full endoscopic nerve root decompression on 78 yo with a post-operative neurological deficit after adult spinal deformity correction with PSO

'Day case' Surgery for spinal stenosis, over the top technique, in 84 yo

Microscopic Foraminal decompression in 76 year old female with Spondylolisthesis

A 67-yo complaining of unilateral radicular leg pain with isthmus spondylolisthesis: full-endoscopic lumbar foraminotomy

Spine plastic surgery: How I do it with endoscopy

A 54-yo with chronic facet joint syndrome: How I manage it with radiofrequency

Syringomyelia management in 51 yo with TB meningitis

Transpedicular endoscopic cement fragment removal on 75 yo with myelopathy after vertebroplasty

Complication of decompression in 56 yo with Chiari malformation and syringomyelia

Extended trans-oral decompression and reconstruction in 33 yo with previous history surgery as a child

Staged correction of adult osteoporotic thoracic kyphosis

Multilevel ALIF in correction of adult degenerative scoliosis

Hybrid ALIF and TDR in degenerative scoliosis

Adult anterior spine revision surgery of congenital lumbar deformity correction

Tumour and Trauma

Jeffersons fracture with subluxation - Monosegmental fixation

Thorocolumbar fracture with Load sharing classification > 7

L5 Giant cell tumour - Posterior and anterior approach

Comminuted Odontoid fracture with C1 fracture

Severe back pain with insufficiency fractures in a 20 year old male - Oncogenic osteomalacia

Disappearing bone disease - Gorham's disease of cervicothoracic region with rapid collapse

Novel technique for treating extensive spinal extradural haematoma in 61 yo with autoimmune haemolytic anaemia

Surgical management of Cervical Chroma in 73 yo

En-Bloc resection of intramedullary tumour in 39 yo

Far lateral approach to Craniocervical Junction in tumour

Approach to cervicothoracic tumour in 34 yo

Surgical management of Thoracic intramural lesion 28 yo

Is surgery worth it? 28 yo with osteogenic sarcoma

Delayed complete excision 7 segment intramedullary tumour in 16 yo

En bloc resection sacral chroma in 50 yo

Management of unidentified cervical spine lesion in 13 yo

Double level thoracic aggressive haemangioma with spinal cord compression

Mosaic schwannoma with multiple lesions

Delegates may bring and present own cases

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Case Program Group 3

Thu 19th - Sat 21st Jan 2023

Case duration is 10-15 minutes each. Where applicable surgical videos are added.

Of the below case options approximately 40 will be presented and discussed in this group. Delegates will be contacted before the event to mark which cases are of greatest interest. Delegates will also be able to request other case pathologies and to submit own cases to make up a total of around 50 cases.



Accredited with 12 CME points

Paediatric Deformity

- 13 yo with NFI scoliosis associated with malignant dural ectasia
- Can GR be removed in a 10 yo patient when scoliosis is completely corrected to preserve mobility of the spine?
- Graduation from thoracopelvic MAGEC to selective thoracic fusion in 13 yo
- Correction of severe cervical kyphosis in a 12 yo patient with NFI
- Correction of severe thoracic postlaminectomy kyphosis in an 8 year old patient
- Lumbopelvic reconstruction in 18 month old with sacral and lumbar agenesis and caudal regression
- Thoracic muscle splitting combined temporary epiphysiodesis and growing rod construct in syndromic 9 yo f with EOS
- Combined concave release and MAGEC in 9 yo with EOS and arthrogryposis
- Complex cervical congenital deformity with Sprengel variant in 6 yo – surgical management
- 17 yo with persistent pain 3 y after deformity correction. Diagnostic and therapeutic strategies (and surprises), how to deal with it
- 11 yo EOS, treatment strategy in the Netherlands
- 12 yo PWS, treatment considerations with scoliotic curve progression.
- 17 yo persistent pain after 360 fusion, discussion about (diagnostic and therapeutic) strategy
- Selective thoracic correction with carbon-composite in syndromic scoliosis
- 13 yo progressive neuromuscular thoracic curve, treatment strategy
- Lumbar VBT in myelomeningocele scoliosis
- 18 yo progressive double curve with complaints, treatment options
- Combined convex concave Z-plate costoplasty for persistent rib hump after AIS surgery

Adult Deformity and Degenerative

- A 65-year-old male present with unilateral radicular leg pain following PLIF L4/5: When is only an endoscopic approach indicated in lumbar stenosis with a deformed degenerative spine?
- Chronic low back pain following lumbar discectomy: 9-point percutaneous lumbar annuloplasty
- The swimming technique with endoscopy in the spinal canal
- Revision Case in TELD endoscopic
- Endoscopic transforaminal Discectomy on a caudally sequestered herniation
- Extraforaminal LDH L5/S1 - a Case for coming transforaminal endoscopic?
- „Tumor Case” - Radiculopathy L3 due to a bony lesion intraforaminal
- Over the top decompression endoscopic interlaminar approach
- Endoscopic Lumbar fusion L3/4
- 64-yo with multi-level CSM from C4 to C7: what is the best MIS solution?
- 60 yo F ASD, treatment strategy and aftermath.
- 47 yo M. AS, treatment strategy
- Hybrid TDR in lumbar disc degeneration
- Revision surgery in lumbar TDR
- Multi level lumbar TDR in early degenerative scoliosis with 10 y follow up
- 82 yo persistent back pain and radicular claudication L4 and L5 bilateral: how to treat? fusion or not
- 67 yo persistent back pain and radicular pain L4, kyphotic spine: how to manage this deformity
- 70 yo back pain, sciatica, kyphoscoliosis: which strategy? all in one or staged surgery?
- 67 yo back pain, pain in the thigh both side, leaning forward: important imbalance: what kind of correction ?
- 57 yo anterior imbalance, back pain , referred pain in the right thigh: decompression alone or with fusion?
- 45 yo with radicular pain L5: how to analyse and build the surgical strategy
- 55 yo failed L5/S1 TLIF with huge imbalance: how to analyse and build the surgical strategy
- 79 yo how to manage this double curve scoliosis with L4 radicular pain
- 72 yo severe kyphoscoliosis: is surgery an option? if yes how do you plan the correction?
- Spondylolisthesis L5/S1 II n. Meyerding in osteoporotic spine- nice result but... getting worse and how to solve it
- Basilar invagination treated with operative C1/C2 distraction in adult
- Adult with multiple cervical decompressive surgeries and recurrent adjacent stenosis

Tumour and Trauma

- L1# A3 - MIS including Spinejack
- Complex sacropelvic fracture reduction and fixation
- Odontoid fracture – reduction and stabilisation via vertebral body stent
- Direct repair for Jefferson fracture
- Primary bone tumour posterior elements thoracic spine in adolescent
- 10 yo with solitary neoplastic lesion in cervical spine
- Cervical en-bloc resection of chondrosarcoma complicated by vertebral artery injury
- Giant thoracic MPNST in adolescent

Delegates may bring and present own cases

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Venue

Arosa is located at the end of the romantic Schanfigg Valley at an altitude of about 1800 metres above sea level. Surrounded by an impressive range of mountain peaks, the Kulm Hotel provides a haven of tranquility. With comfortable meeting rooms on-site along with several leading restaurants, the setting is ideal for a case based masterclass.

Getting there

Although Arosa is nestled deep in the Swiss Alps, it can be reached by car and rail from all over Europe. Zurich airport is only a short journey away for international travel.

By air Zurich airport provides the best flight access. Car transfer from Zurich airport to Arosa takes about 2 ½ hours with several professional providers available online. Alternatively take the train from the airport or Zurich Main Station to Chur and then on to Arosa.

By train the leisurely journey from Chur to Arosa climbs 1,000 metres in just 26 kilometres. Feel like you're floating on air as you pass over the elegant Langwieser Viaduct. Travel time from Zurich to Arosa by train is about three hours. The hotel shuttle will pick you up at the station.

By car take the A3 to Chur and follow the signs to Arosa. Approximately 45 minutes and 361 curves later, you will reach your destination. Winter tires are essential and snow chains or four-wheel drive may be required in the event of heavy snow. Driving experience in winter conditions is useful.

Alternatively leave your car in the multi-storey car park in Chur (Park & Ride, next to the train station, approx. CHF 10/day) and take the train to Arosa.

For the adventurous

Helicopter transfer to Arosa is available from Zurich airport as well as from Chur.

The Kulm concierge will be happy to advise you on travel logistics.



What to expect as delegate

The NSpine Winter Masterclass is about personal learning, delivered in a learner-centric environment. It is an exceptional learning and networking opportunity.

As the name Masterclass suggests, our delegates are all competent and proficient in the subject matter. They attend the Masterclass to learn from Experts the key tips & tricks to manage the most complex and rare cases – gaining pearls of wisdom that otherwise may take years to acquire.

Our Masterclass faculty are charged to act as facilitators rather than Teachers; they encourage active and energetic case discussion.

We aim to cover at least 20 cases during each day. Case presentations are targeted to last 15 minutes, however, there is no official time limit – our faculty facilitators can extend the time period if they see good and fruitful debate. Each full day contains 6 hours of CME accredited educational case discussions.

The Masterclass is structured to allow a midday break 11.30 – 16.30 to allow delegates and faculty to network, relax and enjoy the winter atmosphere.

Bring your family

Families and partners are explicitly welcome - Kulm is a very family friendly hotel. Each evening is concluded with a networking dinner at the hotel (or across the road). The numerous restaurants are all of excellent quality.

Without exception, our delegates have found this meeting to be one of the most rewarding educational and networking experiences. Many lasting professional friendships have been forged in Arosa.

We would be delighted to welcome you to our Masterclass !



Testimonials

Great meeting, great cases, great participants and fun atmosphere.

★★★★★

- UFAK AYDINLI -

Turkey

This is the meeting I learn most at!

★★★★★

- CIARAN BOLGER -

Ireland

The course was absolutely fantastic with participants of highest calibre. I honestly enjoyed every single moment - both professionally and socially!

★★★★★

- MARCEL IVANOV -

UK

The NSpine course conducted at Arosa was an unique 'one-of-a-kind' event. The selection of the venue, the city and the faculty were beyond expectations.

★★★★★

- RISHI KANNA -

India

A thoroughly enjoyable meeting, with great discussions, comfortable venue and very well organised. I learnt a lot.

★★★★★

- DAVID CHOI -

UK

Thank you very much for this super meeting and having me in the faculty. I have enjoyed the discussions and I've learned a lot. Congratulation for the excellent organization.

★★★★★

- DEZSŐ JESZENSZKY -

Switzerland

Once again a great event. I had the opportunity to learn relevant new strategies.

★★★★★

- CLAUDIA LAMARTINA -

Italy

The NSpine meeting in Arosa was excellent yet again. I learn something new everytime. We had outstanding faculty and very valuable discussions.

★★★★★

- AREENA DSOUZA -

Germany

Best meeting I've ever been on. Congratulations and thank you to all the faculty, delegates and industry for their hard work and contribution.

★★★★★

- DARREN F. LUI -

UK

Formal CME evaluation and feedback consistently indicates substantial educational value

Great meeting, excellent case range and complexity.

★★★★★

- JEREMY REYNOLDS -

UK



Registration Options

Delegates may choose to attend one or more groups. Faculty and cases differ for each group. Registration includes accommodation and dinners (both at Kulm) as indicated. Partners and families are welcome. Double room bookings include dinners for two persons. Children under 2 are free. Please book older children with Kulm directly. Please note that the double room attendance includes only one course pass.

Groups

Group 1: 15 - 17 January (4 sessions / 2 nights) Sun pm - Tue am (incl)

Group 2: 17 - 19 January (4 sessions / 2 nights) Tue pm - Thu am (incl)

Group 3: 19 - 21 January (4 sessions / 2 nights) Thu pm - Sat am (incl)

Pricing	Single Room	Double Room
1 group	€1100 includes 2 nights / dinners / breakfast / 4 session course	€2000 includes 2 nights / dinners / breakfast / 4 session course (1 person*)
2 groups	€2100 includes 4 nights / dinners / breakfast / 8 session course	€3700 includes 4 nights / dinners / breakfast / 8 session course (1 person*)
all groups	€2900 includes 6 nights / dinners / breakfast / 12 session course	€5400 includes 6 nights / dinners / breakfast / 12 session course (1 person*)

*For additional spouse / partner pass rates - 160 Euros per day / 320 Euros per group. Please contact info@nspine.com for further details.

Swiss VAT registration pending

Confirmed Industrial Partners and Sponsors

NSpine looks forward to welcoming our industrial partners who add valuable technical knowhow and insight to the discussions



Contact us for the booking form or
further information

We look forward to welcoming you to
Arosa!



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innovative spine education™

NSpine GmbH, Kolbermoor, Germany
www.nspine.com

Contact:

info@nspine.com
for information and pre-registration



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Save The Date:


NSpine 2023 Strasbourg July 20th - 23rd

lectures and workshops

- All you need to operate and more -



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