

NSpine

innovative spine education™

NSpine Combined Cadaveric and
Live Tissue Workshop Series

2nd NSpine Combined Cadaveric and Live Tissue Courses

Delegate Prospectus

27th -29th May 2022

IRCAD Training Centre
Strasbourg, France

5 parallel workshops

www.nspine.com

27th -29th May 2022

- Anterior Lumbar Access (ALIF / OLIF) and Complications Management
- Expert Anterior Spine Access Complications Management
- Lateral (XLIF / X-ALIF) Reconstruction and Complications Management
- Posterior Thoracic- Pelvis Instrumentation and Reconstruction
- Advanced Anterior Scoliosis Techniques and Complications Management



NSpine
innovative spine education™

OOT/ OPEN
OPERATING
THEATRE

**A strong collaboration for
exceptional educational content**

NSpine and the multiple award winning Open Operating Theatre OOT have joined forces to provide a stunning online archive of over 400 surgical OOT videos and keynote NSpine lectures. This combined archive is exclusively available to delegates of NSpine events.

Full access for 12 months is included with registration.

OOT/ OPEN
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THEATRE



**Advanced techniques for
atlantoaxial tumours**

David Choi FRCS PhD
Consultant Neurosurgeon
The National Hospital for Neurology and Neurosurgery

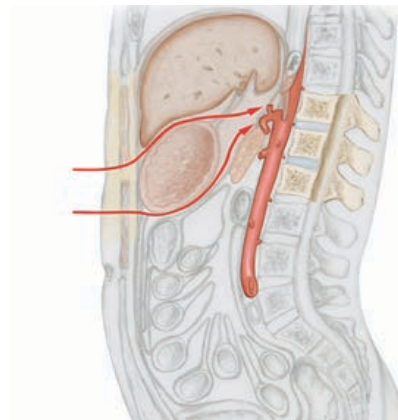
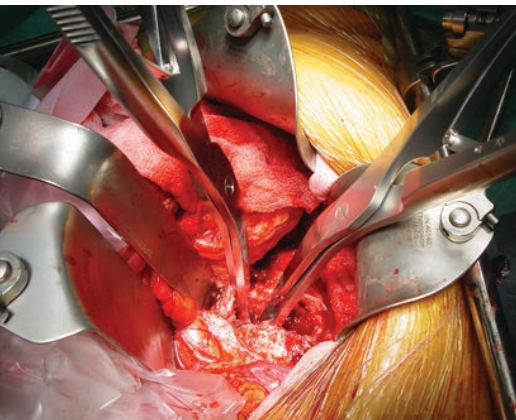
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OOT/ OPEN
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THEATRE

**European
Spine Journal**

Full length keynote style lectures and surgical videos on
complex spine conditions by international experts

Ideal preparation for IRCAD workshops!



NSpine Combined Cadaveric and Live Tissue Workshops

Combining cadaveric and live tissue training is an advanced and highly effective means of teaching not only advanced approaches to the spine and implant handling but also the management of complications which may occur. Especially with regard to anterior and lateral lumbar and thoracic techniques, the approaches are complex and the potential for complications significant.

NSpine is therefore proud to be hosting the unique combined cadaveric and live tissue training lab at the famous IRCAD center. A number of workshops are available to be combined to uniquely meet the individual delegates training need. An international faculty panel of highest repute will deliver comprehensive training with a 1:2 faculty - delegate ratio.

Venue:

IRCAD is a global leader in surgical training. The surgical lab is at the heart of state-of-the-art facilities. 20 tables are fully equipped for surgical cadaveric dissection or live tissue surgery including endoscopic techniques. The lab is set up for fluoroscopy and CT can be obtained from the cadavers for image-guided surgery.

Travel and accommodation:

Strasbourg is a vibrant city with its historic town centre within walking distance of the IRCAD institute.

Strasbourg is accessible via road, train and air. There are international flight connections via Frankfurt or Paris. Excellent hotels are located within easy walking distance of IRCAD.



IRCAD Training Center

About IRCAD:

Located close to the historic center of Strasbourg, IRCAD has acquired a reputation for excellence in research as well as in the teaching of new surgical techniques since its creation in 1994. It now enjoys a worldwide renown, making it the world's first training school in new surgical techniques and technologies. The institute comes equipped with an outstanding infrastructure of 8,000 square meters, which can welcome 5,500 surgeons per year in various surgical specialties, while developing its cluster for research in new technologies and computer sciences.

Fully dedicated to research and to the teaching of the most innovative surgical techniques, the IRCAD has established itself as a world reference in the field of minimal access surgery.



20 fully equipped
operating tables
Open and endoscopic
techniques



Venue address:

Hôpitaux Universitaires
1, Place de l'Hôpital
67091 Strasbourg Cedex
FRANCE

www.ircad.fr

Course Overview

Lectures covering essential course content are provided on the 27th of May.

Additional theory content will be provided online in advance of the event.

The 5 workshop modules are held in parallel in the IRCAD laboratory on 28th and 29th May.

A maximum of 17 operating tables are available on these dates.

Delegates may attend single workshops or combine these across both days.

Cadaveric and live tissue tables are run in the same laboratory.

Fluoroscopic imaging is available in the laboratory.

Exhibition and lecture facilities are situated in the same building adjacent to the lunch area.

IRCAD is a medtech compliant venue.

CME accreditation will be applied for in advance of the event.

Maximum faculty - delegate ratio is 1:2.

Faculty listed are confirmed at this time, however cannot be guaranteed at actual date.

What attendees can expect

Delegates will be trained in the world-class surgical laboratory of IRCAD. All required equipment simulating the operative setting is on site. Both the cadaveric and the live tissue exercises take place in the same laboratory prepared by the expert IRCAD team.

The international faculty panel consists of highly experienced spine, vascular, thoracic and urological surgeons who will be assisting delegates in a 1:2 ratio.

Delegates can choose from the range of workshops to meet their training needs. Each workshop duration is a half day which allows for ample time to learn and practice. The exact content can be discussed with the faculty and adapted accordingly.

The cadaveric workshops focus on developing access skills but are also supported by our sponsors providing instruments and implants for conducting the necessary spine operations through the access created, hereby simulating the theatre environment.





Course Format and Content

Course format:

- Half day lectures on afternoon 27th May
- Hands-on surgical training consists of combinations of cadaveric training and live tissue complications management on 28th and 29th May
- Maximum Faculty : delegate ratio is 1:2.

Learning objectives (according to workshop combinations):

- To perform anterior | lateral approaches to the lumbar spine
- To correctly handle and insert anterior | lateral | posterior devices and implants
- To effectively manage complications arising from anterior lumbar and thoracic approaches in live tissue surgery including vascular and ureteric injuries

Learning outcomes (according to workshop combinations)

After the event delegates will be able to:

- Perform the technical steps of the approaches to the lumbar and thoracic spine of the workshops chosen
- Mobilise vascular and visceral structures to facilitate spinal instrument and device placement
- Identify the structures at risk during anterior spinal surgery and use salvage strategies in case of complications
- Repair peritoneal tears
- Clamp vessels to control haemorrhage
- Clip and perform standard sutures of arteries and veins
- Stent and conduct steps to repair ureteric injuries
- Repair pulmonary injuries
- Manage complications in thoracoscopic procedures

FACULTY IRCAD

Table faculty:

Max Aebi (Switzerland)
Ufuk Aydinli (Turkey)
Gergely Bodon (Germany)
Bronek Boszczyk (Germany)
Daniel Chan (Singapore)
Kenneth MC Cheung (Hong Kong)
Stephanie Da Paz (Germany)
Philip Horsting (Netherlands)
Baron Lonner (USA)
Firoz Miyanji (Canada)
Stefan Parent (Canada)
Michael Rauschmann (Germany)
Masood Shafafy (UK)
Suken Shah (USA)
Constantin Schizas (Switzerland)
Michael Selby (Australia)
Samir Smajic (Germany)
Jean-Paul Steib (France)
Per Trobisch (Germany)
Patrick Tropiano (France)

Speciality faculty:

Shuaib Akifi (vascular) (Switzerland)
Sabine Richarz (vascular) (Germany)
Akin Oluwole (vascular) (UK)
Sergei Dolgoplov (thoracic) (USA)
Andrej Isaak (vascular) (Switzerland)
Andrzej Majewski (thoracic) (Poland)
Roger Müller (urology) (Switzerland)

2022





THEORY

13:00 Welcome event overview and objectives

Bronek Boszczyk

13:15 Anterior access and vessel management strategies in lumbar spinal surgery

Philip Horsting

13:30 Advanced lateral and anterolateral access strategies

Samir Smajic

13:45 Multilevel access strategies in lumbar and thoracolumbar spinal surgery

Bronek Boszczyk

14:00 Thoracophrenolumbotomy technique

Constantin Schizas

14:15 Management of injuries to the lung and thoracic vessels

Andrzej Majewski

14:30 Management of arterial injuries in spinal surgery including arterial dissection

Andrzej Isak

14:45 Venous injury management in spinal surgery

Andrzej Isak / Shuaib Akifi

15:00 Revision access techniques in lumbar spinal surgery

Patrick Tropiano

15:15 Discussion and Q & A

All

16:00-16:30 break

16:30 L4-L5 lumbar disc arthroplasty removal

Jean-Paul Steib

16:45 Haemostiptic agents Johnson & Johnson

Management of ureteric and renal complications

Roger Mueller

15:15 Interesting case presentations

15:45 - 16:15 BREAK

16:30

16:45 Postoperative management after vascular repair

Andrzej Isak / Shuaib Akifi

17:00 Access strategies in thoracic spinal surgery

Overview of Workshops

Saturday 28th May

AM

XLIF
Cadaver
4 Tables

ALIF
Cadaver
9 Tables

Advanced
Complications
Live Tissue
4 Tables

PM

XLIF
Cadaver
4 Tables

Posterior
Cadaver
9 Tables

Advanced
Complications
Live Tissue
4 Tables

Sunday 29th May

AM

VB
Cadaver
8 Tables

ALIF / XLIF
Complications
Live Tissue
9 Tables

Case
Discussions
Complications
Auditorium

PM

VB
Thoracoscopy
Live Tissue
8 Tables

ALIF / XLIF
Complications
Live Tissue
9 Tables

Case
Discussions
Complications
Auditorium

1

Anterior Lumbar Access (ALIF / OLIF) and Complications Management

This workshop focusses on open ALIF and / or OLIF approaches for intervertebral fusion, arthroplasty or instrumentation.

The half day cadaveric session on 28th May (am) provides access training and intervertebral device placement or instrumentation training. The half day live tissue session on 29th May (am) teaches complications management including vascular and ureteric repair techniques. Interactive case discussions on 29th May (pm) complete the experience.

9 tables (18 places) available | the faculty : delegate ratio is 1 : 2

Delegate profile: These workshops are ideal for surgeons wishing to advance their skill in ALIF and TDR procedures along with handling the access related complications that can arise. This workshop can be combined with workshops 3 and 4.

Faculty

Table:

Max Aebi - Switzerland
Ufuk Aydinli - Turkey
Daniel Chan - Singapore
Philip Horsting - Netherlands
Michael Rauschmann - Germany
Constantin Schizas - Switzerland
Michael Selby - Australia
Masood Shafafy - UK
Jean-Paul Steib - France
Patrick Tropiano - France

Circulating:

Shuaib Akifi (vascular surgery) - Switzerland
Andrej Isaak (vascular surgery) - Switzerland
Andrzej Majewski (thoracic surgery) - Poland
Roger Müller (urological surgery) - Switzerland

Anterior Lumbar Access (ALIF / OLIF) and Complications Management

28th May

08:00 - 11:30 Cadaveric approaches to the anterior lumbar spine

The cadaveric training will commence with mini-open approaches, extending to open approaches. Correct handling of relevant implants and systems of sponsors is included during this period. Exact content to be discussed with table faculty.

Anterior retroperitoneal access lumbar spine L5/S1

Anterior retroperitoneal access lumbar spine L4/L5 and multi-level

Optional OLIF technique / optional thoracophrenolumbotomy

11:30 - 13:30 Lunch Break & Lunch Workshop

29th May

8:00 - 11:30 Live tissue complications management

The live tissue surgery will allow delegates to perform anterior or lateral exposures of the spine mobilising vascular and visceral structures. NSpine has attracted an international panel of recognised experts to train delegates in mini-open and open reconstructive techniques. Vascular, thoracic and urological surgeons are on-site to teach specific complications management techniques. Exact content to be discussed with table faculty.

Anterior retroperitoneal access / Thoracophrenolumbotomy access (optional)

Dissection and repair techniques major arteries

Dissection and repair techniques major veins

Dissection and repair techniques ureter and kidney (optional)

Dissection and repair techniques lung and pleura (optional)

Dissection and repair techniques thoracic major vessels (optional)

11:30 - 13:30 Lunch Break & Lunch Workshop

13:30 - 16:30 Case discussion session

Presentation and discussion of cases of complications in spine surgery

16:30 Close

2

1:1 Expert Anterior Spine Access Complications Management

In this new exclusive workshop, NSpine's expert vascular, thoracic and urological surgeons provide advanced tutoring in repair techniques for access surgeons and experienced spine surgeons. Unparalleled live tissue training is provided through tailoring the event to the expectations of the delegate. Delegates are expected to be proficient vascular or spine surgeons capable of performing anterior approaches independently.

8 tables (8 places) available | [the faculty : delegate ratio is 1 :1](#)

Delegate profile: Experienced spine surgeons and vascular / thoracic surgeons. Delegates should already be proficient in performing anterior access to the spine and wish to advance their skills in vascular, thoracic, ureteric complications management. This workshop can be combined with workshops 4 and 5.

Faculty

Table:

Shuaib Akifi (vascular surgery) - Switzerland
Anne Rouby (vascular surgery) - France (tbc)
Andrej Isaak (vascular surgery) - Switzerland
Andrzej Majewski (thoracic surgery) - Poland
Roger Müller (urological surgery) - Switzerland

1:1 Expert Anterior Spine Access Complications Management

28th May am session or pm session - live tissue surgery only

8:00 - 11:30 or 13:30 - 16:30 Live tissue complications management

The exact steps and content will be discussed between the delegate and table faculty. As this is individual training, the content will be tailored to suit the delegates requirement. Delegates will perform anterior or lateral exposures of the spine mobilising vascular and visceral structures. Advanced complications management techniques will be taught including managing major vascular lacerations - clamping techniques, suture techniques.

Direct anterior lumbar or lateral thoracophrenolumbotomy access

Dissection and repair techniques major arteries

Dissection and repair techniques major veins

Dissection and repair techniques ureter and kidney (optional)

Dissection and repair techniques lung and pleura (optional)

Dissection and repair techniques thoracic major vessels (optional)

16:30 Close

Sal Brau MD at inaugural Complications Management Course 2005

3

Lateral Lumbar (XLIF / X-ALIF) Reconstruction and Complications Management

This workshop focusses on minimally invasive lateral lumbar techniques. The cadaveric sessions on May 28th (am or pm) provide access training for lateral interbody and corpectomy techniques. Prone lateral surgery will be possible upon prior request. The live tissue session May 29th (pm) teaches lumbar vascular and ureteric complications management or pulmonary complications management (delegate choice). The case discussion session May 29th am completes the experience.

8 tables (16 places) available | the faculty : delegate ratio is 1 : 2

Delegate profile: These workshops are ideal for surgeons wishing to learn minimally invasive lateral access techniques but also wanting to be able to expand approaches to manage complications which can arise. This workshop can be combined with workshops 1 or 4.

Faculty

Table:

Gergely Bodon - Germany

Matteo Pejrona - Italy

Samir Smajic - Germany

Jake Timothy - UK

Circulating:

Shuaib Akifi (vascular surgery) - Switzerland

Andrej Isaak (vascular surgery) - Switzerland

Andrzej Majewski (thoracic surgery) - Poland

Roger Müller (urological surgery) - Switzerland

Lateral Lumbar (XLIF / X-ALIF) Reconstruction and Complications Management

28th May

08:00 - 11:30 or 13:30 - 16:30 Cadaveric approaches to the lateral lumbar spine

The cadaveric training will commence with mini-open approaches, extending to open approaches if required. Correct handling of relevant implants and systems of sponsors is included during this period. Exact content to be discussed with table faculty.

Lateral retroperitoneal access lumbar spine L5/S1

Lateral transpsoas or OLIF access lumbar spine L4/L5 and multi-level

11:30 - 13:30: Lunch Break & Lunch Workshop

29th May

8:00 - 11:30 Case discussion session

Presentation and discussion of cases of complications in spine surgery

11:30 - 13:30: Lunch Break & Lunch Workshop

13:30 - 16:30 Live tissue complications management

The live tissue session will allow delegates to perform anterior or lateral exposures of the spine mobilising vascular and visceral structures. Vascular, thoracic and urological surgeons are on-site to teach specific complications management techniques. Exact content to be discussed with table faculty.

Anterior retroperitoneal access / lateral thoracophrenolumbotomy access (optional)

Dissection and repair techniques major arteries

Dissection and repair techniques major veins

Dissection and repair techniques ureter and kidney (optional)

Dissection and repair techniques lung and pleura (optional)

Dissection and repair techniques thoracic major vessels (optional)

16:30 Close

4

Posterior Thoracic Spine - Pelvis Instrumentation, Osteotomy Techniques and Reconstruction

With the advance of minimally invasive instrumentation, navigation and robotics, training opportunities in **conventional freehand and fluoroscopy** guided pedicle screw placement techniques have become scarce.

This cadaveric only workshop 28th May (pm) includes freehand and fluoroscopy guided instrumentation of the thoracic and lumbar spine to pelvis. The faculty is highly experienced in open "old school" techniques, imparting valuable technical pearls and guidance. Furthermore, delegates will be offered a choice of open TLIF / PLIF, osteotomy and vertebrectomy techniques.

9 tables (18 places) available | the faculty : delegate ratio is 1 : 2

Delegate profile: These workshops are ideal for surgeons wishing to learn "old school" open pedicle screw placement of the thoracic, lumbar spine and pelvis. Furthermore, content will be adapted to delegates with regard to advanced techniques including osteotomies, vertebral column resection and interbody fusion. This workshop can be combined with all other workshops.

Faculty

Table:

Max Aebi - Switzerland
Ufuk Aydinli - Turkey
Daniel Chan - Singapore
Philip Horsting - Netherlands
Christian Mazel - France
Michael Rauschmann - Germany
Michael Selby - Australia
Masood Shafafy - UK
Constantin Schizas - Switzerland
Jean-Paul Steib - France

Posterior Thoracic Spine - Pelvis Instrumentation, Osteotomy Techniques and Reconstruction

28th May

13:30 - 16:30 Cadaveric Training

The precise content of the workshop will be discussed with the table instructor. Instruments and implants will be available from different sponsors and industrial partners. Training will utilise the sets provided at individual tables. Shared fluoroscopy will be available.

The table instructors are highly experienced in "old school" posterior open instrumentation and reconstructive techniques allowing the delegates to define their learning objectives from instrumentation through to osteotomies and vertebrectomies.

- Posterior freehand pedicle screw placement thoracic spine to pelvis
- Fluoroscopy guided screw placement (optional)
- Corrective thoracic and lumbar osteotomy techniques
- Corrective vertebrectomy techniques
- Interbody fusion techniques

16:30 Close

5

Advanced Anterior Scoliosis Techniques and Complications Management

NSpine is partnering with an exceptional panel of international experts to deliver uncompromising training experience. All faculty members are highly experienced in anterior scoliosis correction and vertebral body tethering techniques. Both workshop sessions are conducted on 29th May preceded by a short theory session on the evening of 28th May. The cadaveric session will focus on lateral access and instrumentation techniques. The live tissue session will feature **a choice of thoracoscopic and mini-open access techniques** with live tissue handling and complications management.

8 tables (16 places) available | the faculty : delegate ratio is 1 : 2

Delegate profile: These workshops are ideal for experienced deformity surgeons wishing to learn VBT access and thoracoscopic techniques along with complications management. This workshop can be combined with workshops 2 and 4.

Please also see separate detailed flyer on this course

Faculty

Suken Shah - USA

Stefan Parent - Canada

Baron Lonner - USA

Firoz Miyanji - Canada

Kenneth Cheung - HongKong

Per Trobisch - Germany

Michael Selby - Australia

Stephanie Nunes Da Paz - Germany

Shuaib Akifi (vascular surgery) - Switzerland

Andrzej Majewski (thoracic surgery) - Poland

Sergei Dolgoplov (thoracic surgery) - USA

Advanced Anterior Scoliosis Techniques and Complications Management

28th May

Theory 28th May at the course hotel

16:50 Welcome and Introduction - Bronek Boszczyk

17:00 Positioning and preparation for anterior scoliosis surgery - Firoz Miyanji

17:15 Technical steps in anterior lumbar and thoracic scoliosis surgery - Mike Selby

17:30 Crossing the diaphragm in anterior scoliosis surgery - Per Trobisch

17:45 Technical aspects of upper thoracic and lower lumbar instrumentation - Stefan Parent

18:00 Surgical considerations in anterior scoliosis surgery in young children - Suken Shah

18:15 Technique of thoracoscopic scoliosis surgery - Baron Lonner/Sergei Dolgoplov

18:30 Revision techniques in anterior scoliosis surgery - Kenneth Cheung

18:30 Managing pulmonary complications in thoracoscopic surgery - Andrzej Majewski

18:45 Managing vascular complications in thoracoscopic surgery - Shuaib Akifi

19:00 Discussion - All

29th May

08:00 - 11:30 Cadaveric Training

Cadaveric training commences with mini-open approaches to the thoracic and lumbar spine required for vertebral body tethering with optional expansion to thoracophrenolumbotomy. Correct handling of relevant implants and systems of sponsors is included during this period.

11:30 - 13:30 Lunch Break and Lunch Workshop

13:30 - 16:30 Live Tissue Surgery

Live tissue surgery allows delegates to perform thoracoscopic-open and mini-open thoracic procedures. Beside the table faculty, thoracic and vascular surgeons are on-site to teach thoracoscopic and open complications management techniques.

16:30 Close

Workshop modules and pricing:

1 Anterior lumbar access and complications management

- 1/2 day lecture session (27th May pm)
- 1/2 day cadaveric training on anterior lumbar access techniques and implant placement
- 1/2 day live tissue training on vascular and ureteric repair techniques
- 1/2 day case discussion session

Cost: €1950 + VAT

2 Expert anterior spine access complications management

- 1/2 day lecture session (27th May pm)
- 1/2 day live tissue training with 1:1 tuition from expert vascular / thoracic faculty

Cost: €1700 + VAT

3 Lateral lumbar access (XLIF / X-ALIF) and complications management

- 1/2 day lecture session (27th May pm)
- 1/2 day cadaveric training on lateral lumbar access techniques and implant placement
- 1/2 day live tissue training on vascular and ureteric repair techniques
- 1/2 day case discussion session

Cost: €2600 + VAT

4 Posterior thoracic to pelvis instrumentation and correction techniques

- 1/2 day cadaver training on instrumentation and advanced correction techniques

Cost: €850 + VAT

5 Anterior scoliosis techniques (also see separate detailed prospectus)

- Evening lecture session (28th May)
- 1/2 day cadaveric training on lateral lumbar and thoracic access techniques
- 1/2 day live tissue training on thoracoscopic techniques and complications management

Cost: €2600 + VAT

Workshop combinations:

Delegates can book individual workshop modules or choose the following combinations (discount applies to total price):

1 & 3 or 1 & 4 - 10% discount, includes two cadaveric sessions on 28th May and one half day live tissue session and one half day case discussion on 29th May

2 & 4 & 5 - (any combination) 10% discount on 2 modules; 15% discount on 3 modules

Registration includes 12 months access to the NSpine lecture and OOT surgical video archives consisting of over 400 full length contributions by experts in all areas of spine surgery and spine health care

Registration opens in December

Prebook a place by contacting: info@nspine.com

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Why attend?



Enhance your skill not only with regard to access techniques but importantly also in the management of complications. These can be devastating and this event provides the highest level of simulation through live tissue surgery to acquire the fundamental skills necessary for patient safety.



The IRCAD Institute is a world leader in surgical education and one of the very few institutes offering combined cadaveric and live tissue surgery. IRCAD offers optimal theatre simulation for the most effective training.



NSpine has attracted a panel of international expert surgeons as faculty. Exposure to this highly experienced faculty with 1:2 Faculty - Delegate ratio provides the ideal learning constellation.



For each event NSpine applies for fully independent CME accreditation.

Attending this course certifies having undertaken the most rigorous, practical training available.



Be part of the combined cadaveric and live tissue training. Develop and hone your skills for the benefit of your patients and position yourself amongst peers in the international spine surgery networks.

www.nspine.com

Spine Education since 2013:

NSpine is an entirely independent for profit company exclusively focused on spine health care education. Since the inaugural conference in 2013, NSpine has grown exponentially and now features annual, highly respected meetings which attract over 500 attendees from across the globe.

Clinical Problem Solving and Emerging Tech:

The focus of NSpine meetings is on clinical problem solving and decision-making. Whilst academia is important, NSpine goes into greater depth on technical details, techniques and emerging technology.

Advanced Cadaveric and Live Tissue Training:

NSpine has a tradition of offering highest quality hands-on cadaveric training courses. This has now been expanded to include training at the world renowned **IRCAD institute** in Strasbourg France through the **NSpine combined cadaveric and live tissue training series** includes:

"I have been involved in live tissue spine courses at IRCAD for close to 20 years. This is the best immersive surgical simulation training currently available. NSpine is dedicated to delivering training for surgeons that really matters.

NSpine - designed by surgeons for surgeons."



Bronek Boszczyk
Spine Surgeon, NSpine Chairman

A handwritten signature in black ink, which appears to read 'Boszczyk', written over a white background.

2022 Industrial Partners and Sponsors

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Supported By:

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NSpine 2022 events timeline



NSpine Winter Masterclass
Arosa, Switzerland 17-21 January

**NSpine Combined Cadaveric & Live Tissue Labs
IRCAD Strasbourg, France 27-29 May**

NSpine Residents & Fellows Spine Course
Porto, Portugal 28-29 May

NSpine Main Conference
Porto, Portugal 31 May - 3 June

NSpine Advanced Spine Seminar
Gstaad, Switzerland (date TBD)

For additional information on above events please contact:
info@nspine.com



WE LOOK FORWARD TO
WELCOMING YOU TO STRASBOURG!

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innovative spine education™

NSpine GmbH, Kolbermoor, Germany
www.nspine.com

Contact:

info@nspine.com

For more information or combined bookings