



SCHWEIZERISCHE GESELLSCHAFT FÜR NEUROCHIRURGIE
SOCIETE SUISSE DE NEUROCHIRURGIE
SOCIETA SVIZZERA DI NEUROCHIRURGIA
SWISS SOCIETY OF NEUROSURGERY

www.swissneurosurgery.ch

10th Meeting

NeuroSpine

NeuroSpine X Featuring Pott's Disease, Cervical Arthroplasty,
the Future of Robotics and Navigation and Combined
Approaches for Osteoporotic Fractures



Program

June 10, 2021 | Bern Kursaal
neurospine2021.congress-imk.ch

Patronage

SFCNS Swiss Federation of
Clinical Neuro-Societies

spineinstitute 
Promoting spinal medicine

SGS 
Schweizerische Gesellschaft für Spinale Chirurgie
Société Suisse de Chirurgie Du Rachis
Società Svizzera di Chirurgia Spinale
Swiss Society of Spinal Surgery

Welcome to the 10th NeuroSpine Meeting



Dear colleagues

We are proud to announce the 10th NeuroSpine Meeting, the advanced course of the Swiss Society of Neurosurgery SSNS, which is supported by the Swiss Federation of Clinical Neuro-Societies SFCNS. On behalf of the organizing committee, we would like to welcome you to the Kursaal in Bern on June 10, 2021.

In a joint session with AO Spine, the upcoming meeting will cover tuberculous spondylitis (Pott's disease) which has gained considerable importance due to migration from Africa to Europe and other Western countries. Thereafter, we will focus on the surgery of cervical pathologies including myelopathy and the decision making between fusion and arthroplasty. In the afternoon there will be a technical excursion into sensor-based robotic spine surgery, spinal navigation and their impact on future safety concepts. Finally, the focus will be drawn to the interplay between surgical and pharmacological therapy of osteoporosis and the impact of innovative drug combinations on everyday clinical practice.

The attractive program should catch the attention of neurosurgeons and orthopedic surgeons with a strong interest in spine surgery, but also anesthesiologists, neurologists, rheumatologists, interventional radiologists, chiropractors, physiotherapists and osteopaths.

We look forward to welcoming you in Bern.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'A. Merlo'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Professor Adrian Merlo, MD

On behalf of the Scientific Committee



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Date Thursday, June 10, 2021

Venue Kongress + Kursaal Bern
Room "Aare"
Kornhausstrasse 3 | CH-3000 Bern
www.kursaal-eventlocation.ch

Audience The NeuroSpine meeting is addressed to neurosurgeons and orthopedic surgeons with a strong interest in spine surgery, but also anesthesiologists, neurologists, rheumatologists, interventional radiologists, chiropractors, physiotherapists, and osteopaths.

Scientific committee Prof. Raphael Guzman, MD, Basel, CH (President SSNS)
Prof. Andreas Raabe, MD, Bern, CH (Past-President SSNS)
Prof. Adrian Merlo, MD, Bern, CH (President Scientific Committee)
Martin Baur, MD, Lucerne
Prof. Oliver Hausmann, MD, Lucerne
PD Gregory Jost, MD, Biel
PD François Porchet, MD, Zurich
PD Enrico Tessitore, MD, Geneva

Credits Credits are requested. Information will follow at a later date.

Professional Congress Organizer (PCO) **IMK** Institute for medicine and communication Ltd
Münsterberg 1 | CH-4001 Basel
Phone +41 61 561 53 53
www.imk.ch | congress@imk.ch

Website neurospine2021.congress-imk.ch

Registration and fees (CHF) Please register online via the congress website.

	Early Bird until May 22, 2021	From May 23, 2021
Member physician SSNS	200	250
Non-member physician	250	300
Resident	100	150

Prices subject to modifications

Cancellation Policy All cancellations must be faxed or electronically mailed to **IMK**.
Cancellations received up to May 12, 2021: 50% refund will be made
Cancellations received starting from May 13, 2021: no refund will be made

Morning Sessions

09:00

Welcome Address

Adrian Merlo, Praxis für Neurochirurgie, Bern, CH

09:00-10:10

Session I: Joint NeuroSpine-AO Spine Session 2021



Symposium: Tuberculous Spondylitis

Chairs

Gregory Jost, Spitalzentrum Biel, CH

Christopher Kelly, Kantonsspital Aarau, CH

09:00-09:20

History of Surgery, Epidemiology in Switzerland, Imaging

Martin Stienen, Kantonsspital St.Gallen, CH

09:25-09:45

Optimal Diagnosis and Antimicrobial Therapy: from Biopsy to Drug Administration and Monitoring

Yvonne Achermann, University Hospital Zurich, CH

09:50-10:10

Surgery: from Simplicity to Complexity

Robert Dunn, Groote Schuur Hospital and Red Cross Children's Hospital
University of Cape Town, South Africa | Livestream

10:10-10:40

Coffee Break in the Industrial Exhibition

10:40-12:05

Session II: Cervical spine: Myelopathy, Fusion and Arthroplasty

Chairs

Christian Zweifel, Kantonsspital Graubünden, Chur, CH

Gianluca Maestretti, Hôpital fribourgeois, Fribourg, CH

10:40-11:00

Cervical Myelopathy: Pathophysiology and Diagnosis

Jan Rosner, Balgrist University Hospital, Zurich, CH

11:05-11:15

Clinical Validation of Intraoperative Neuro-Monitoring

Thomas Loher, Neurozentrum Bern, CH

11:20-11:40

Cervical Arthroplasty and Complex Spinal Reconstruction

Jean-Paul Steib, Hôpitaux Universitaires de Strasbourg, FR

11:45-12:05

The Viscoelastic Concept in Cervical Arthroplasty

Jean-Yves Lazenec, Pitié-Salpêtrière Hospital, Paris, FR | Livestream

12:05-13:30

Lunch in the Industrial Exhibition

Afternoon Sessions

13:30-14:20 **Session III: Robotics and Navigation**

Chairs Andreas Raabe, Inselspital, Bern University Hospital, CH
Oliver Hausmann, Hirslanden Klinik St. Anna, Lucerne, CH

13:30-13:55 **Improved Surgery through Robotics and Navigation**

Bernhard Meyer, Klinikum Rechts der Isar, Munich, DE

13:55-14:20 **Intelligent Sensor-Based Robotic Spine Surgery**

Andreas Raabe, Inselspital, Bern University Hospital, CH

14:25-15:20 **Session IV: Case Discussions on Spinal Osteoporosis**

14:25-15:20 Enrico Tessitore, Geneva University Hospitals, CH, in collaboration with
Duccio Boscherini, Clinique de La Source, Lausanne, CH
Christian Etter, Spineclinic AG, Aarau, CH
Gianluca Maestretti, Hôpital fribourgeois, Fribourg, CH

15:20-15:50 Coffee Break in the Industrial Exhibition

15:50-17:00 **Session V: Challenges of Spinal Fusion in the Elderly**

Chairs Stefan Schären, University Hospital Basel, CH
Markus Rühli, Hirslanden, Zurich, CH

15:50-16:15 **Potential of Anabolic Therapy in Patients with Osteoporosis**

Albrecht Popp, Inselspital, Bern University Hospital, CH

16:15-16:35 **Adjacent Insufficiency Fractures after Fusion in the Elderly: Salvage Surgery: How Much is Needed?**

Stefan Schären, University Hospital Basel, CH

16:35-16:55 **Radiofrequency Kyphoplasty for Osteoporotic Fractures**

Markus Rühli, Hirslanden, Zurich, CH

16:55-17:00 **Closing Remarks**

Adrian Merlo, Praxis für Neurochirurgie, Bern, CH

Speakers and Chairs

PD Yvonne Achermann, MD

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Hirslanden
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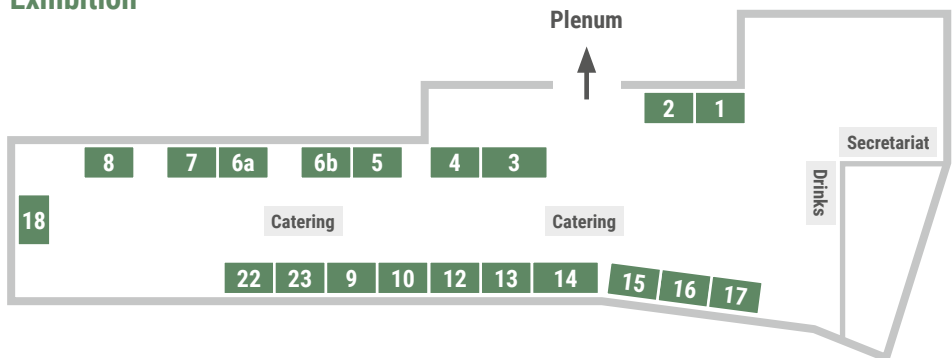


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Exhibition



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