



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

November 04, 2020 | Bern Kursaal
neurospine2020.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 warmly welcome you to the Kursaal in Bern on November 04, 2020.

In a joint session with AO-Spine, the upcoming meeting will cover tuberculous spondylitis (Pott's disease) which has gained considerable importance given the constant migratory stream 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. On the occasion of the 10 year anniversary of NEUROspine, a review of the highlights of the past 9 NEUROspine meetings will be presented. Finally, the focus will be drawn onto 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 to Bern.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Adrian 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 Wednesday, November 04, 2020

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

Credits Swiss Society of Neurosurgery: 6 Credits
Swiss Society of Ortopaedics and Traumatology: 8 Credits
Swiss Society of Rheumatology: 7 Credits
Swiss Neurological Society: 1 Credit

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 neurospine2020.congress-imk.ch

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

	Early Bird until February 29, 2020	From March 1, 2020
Member physician SSNS	200	250
Non-member physician	250	300
Resident	100	150

Prices subject to modifications

Cancellation Policy **IMK** must be informed about cancellations in written form. Until February 19, 2020 we will be able to reimburse 50% of the congress fees. After February 20, 2020 no refunds will be possible.

Morning Sessions

09:00

Welcome Address

Adrian Merlo, Praxis für Neurochirurgie, Bern, CH

09:00-10:10

Session I: Joint NEUROspine-AOSpine Session 2020



Symposium: Tuberculous Spondylitis

Chairs

Christopher Kelly, Kantonsspital Aarau, CH
Sven Hoppe, Inselspital, Bern University Hospital, CH

09:00-09:20

History of Surgery, Epidemiology in Switzerland, Imaging

Martin Stienen, University Hospital Zurich, 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, UCT Private Academic Hospital, Cape Town, ZA | 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 Lazennec, Pitié-Salpêtrière Hospital, Paris, FR

12:05-13:30

Lunch in the Industrial Exhibition

Afternoon Sessions

13:30-14:30 **Session III: Robotics and Navigation, Retrospective 10 Years NEUROspine**

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, München, DE

13:55-14:20 Intelligent Sensor-Based Robotic Spine Surgery
Andreas Raabe, Inselspital, Bern University Hospital, CH

14:20-14:30 Reviewing 10 Years of the NEUROspine Meeting
Oliver Hausmann, Hirslanden Klinik St. Anna, Lucerne, CH

14:35-15:30 **Session IV: Case Discussions on Spinal Osteoporosis**

**14:35-15:30 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**

15:30-16:00 Coffee Break in the Industrial Exhibition

16:00-17:00 **Session V: Challenges of Spinal Fusion in the Elderly**

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

16:00-16:25 Potential of Anabolic Therapy in Patients with Osteoporosis
Albrecht Popp, Inselspital, Bern University Hospital, CH

**16:25-16:45 Adjacent Insufficiency Fractures after Fusion in the Elderly:
Salvage Surgery: How Much is Needed?**
Stefan Schären, University Hospital Basel, CH

16:45-17:00 Radiofrequency Kyphoplasty for Osteoporotic Fractures
Markus Rühli, Hirslanden, Zurich, CH

17:00 Closing Remarks
Adrian Merlo, Praxis für Neurochirurgie, Bern, CH

Speakers and Chairs

PD Yvonne Achermann, MD

University Hospital Zurich
Department of Infectious
Diseases and Hospital
Epidemiology
Rämistrasse 100
CH-8091 Zurich

Duccio Boscherini, MD

Clinique de La Source
Centre Neuro orthopédique
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CH-1004 Lausanne

Prof. Robert Dunn, MD

Groote Schuur Hospital
Dept of Orthopaedic Surgery
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Christian R. Etter, MD

Spineclinic AG
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PD Sven Hoppe, MD

Inselspital
Bern University Hospital
Universitätsklinik für
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Christopher Kelly, MD

Kantonsspital Aarau
Orthopädie-Zentrum
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Prof. Jean-Yves Lazennec, MD

Pitié-Salpêtrière Hospital
Chirurgie orthopédique et
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Thomas Loher, MD

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Praxis für Neurochirurgie
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CH-3011 Bern

Univ.-Prof. Bernhard Meyer, MD

Klinikum Rechts der Isar
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CH-3010 Bern

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Inselspital
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Jan Rosner, MD

Balgrist University Hospital
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Markus Rühli, MD

Hirslanden
Wirbelsäulen- und Schmerz-Klinik
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University Hospital Basel
Spinale Chirurgie
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Prof. Jean-Paul Steib, MD

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University Hospital Zurich
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PD Dr. med. Enrico Tessitore

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Neurochirurgie
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CH-1205 Geneva

PD Christian Zweifel, MD

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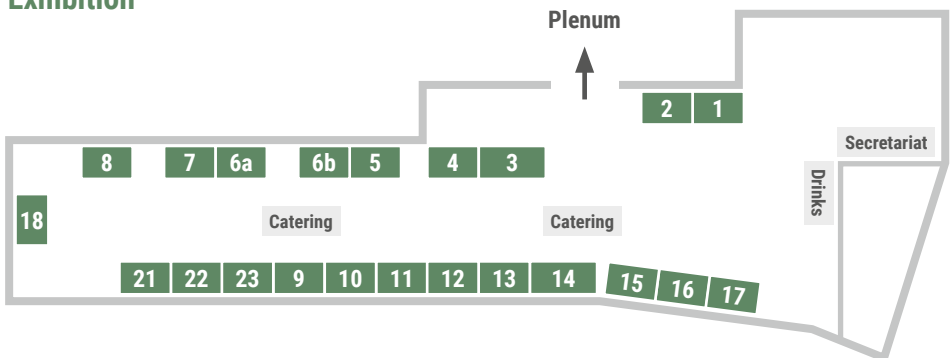
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Schweizerische Gesellschaft für Neuroradiologie
Société Suisse de Neuroradiologie
Swiss Society of Neuroradiology



Joint Annual Meeting 2020

Swiss Society of Neurosurgery
Swiss Society of Neuroradiology

Together with:
Association of neurosurgical nursing staff Switzerland

December 3-4, 2020
Congress Centre Kursaal, Interlaken

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