



SCHWEIZERISCHE GESELLSCHAFT FÜR NEUROCHIRURGIE
SOCIÉTÉ SUISSE DE NEUROCHIRURGIE
SOCIETÀ SVIZZERA DI NEUROCHIRURGIA
SWISS SOCIETY OF NEUROSURGERY

www.swissneurosurgery.ch

virtual

10th Meeting

NeuroSpine

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

10
YEARS
ANNIVERSARY

Program

June 10, 2021

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 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.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Adrian Merlo'.

Professor Adrian Merlo, MD

On behalf of the Scientific Committee



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Date Thursday, June 10, 2021

Website neurospine2021.congress-imk.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
Prof. Enrico Tessitore, MD, Geneva

Credits Swiss Society of Neurosurgery: 8 Credits
Swiss Orthopaedics: 8 Credits
Swiss Neurological Society: 1 Credit
Swiss Society for Rheumatology: 5 Credits
Swiss Chiropractic Academy: 4 Credits

Professional Congress Organizer (PCO) **IMK** Institute for medicine and communication Ltd
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Registration and fees (CHF) Please register online via the congress website.

SSNS member physician	100
Non-member physician	150
Assistants SYNS member	75
Assistants non-member	100

Prices subject to modifications

Cancellation Policy All cancellations must be made in writing via E-Mail 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

08:45-09:00

Welcome Address

Adrian Merlo, Praxis für Neurochirurgie, Bern, CH

09:00-10:00

Session I: Joint NeuroSpine-AO Spine Session 2021



Symposium: Tuberculous Spondylitis

Chairs

Gregory Jost, Spitalzentrum Biel, CH
Christopher Kelly, Kantonsspital Aarau, CH

09:00-09:05

Welcoming and Introduction

09:05-09:20

History of Surgery, Epidemiology in Switzerland, Imaging

Martin Stienen, Kantonsspital St.Gallen, CH

09:20-09:35

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

Yvonne Achermann, University Hospital Zurich, CH

09:35-09:50

Surgery: from Simplicity to Complexity

Robert Dunn, Groote Schuur Hospital and Red Cross Children's Hospital
University of Cape Town, ZA

09:50-10:00

Q&A

10:00-10:25

Break

10:25-10:30

Industry Slot

HOSPITEX
SURGICAL

10:30-11:50

Session II: Cervical Spine: Myelopathy, Fusion and Arthroplasty

Chairs

Christian Zweifel, Kantonsspital Graubünden, Chur, CH
Gianluca Maestretti, Hôpital fribourgeois, Fribourg, CH

10:30-10:50

Cervical Myelopathy: Pathophysiology and Diagnosis

Jan Rosner, Balgrist University Hospital, Zurich, CH

10:50-11:10

Clinical Validation of Intraoperative Neuro-Monitoring

Thomas Loher, Neurozentrum Bern, CH

11:10-11:30

Cervical Arthroplasty and Complex Spinal Reconstruction

Jean-Paul Steib, Hôpitaux Universitaires de Strasbourg, FR

11:30-11:50

The Viscoelastic Concept in Cervical Arthroplasty

Jean-Yves Lazennec, Pitié-Salpêtrière Hospital, Paris, FR

11:50-12:55

Lunch Break

Afternoon Sessions

12:55-13:00

Industry Slot



13:00-13:50

Session III: Robotics and Navigation

Chairs

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

13:00-13:25

Improved Surgery through Robotics and Navigation

Bernhard Meyer, Klinikum Rechts der Isar, Munich, DE

13:25-13:50

Intelligent Sensor-Based Robotic Spine Surgery

Andreas Raabe, Inselspital, Bern University Hospital, CH

13:50-14:10

Break

14:10-15:05

Session IV: Case Discussions on Spinal Osteoporosis

14:10-15:05

Enrico Tessitore, Geneva University Hospitals, CH, in collaboration with
Duccio Boscherini, Clinique de La Source, Lausanne, CH
Gianluca Maestretti, Hôpital fribourgeois, Fribourg, CH

15:05-15:25

Break

15:25-16:25

Session V: Challenges of Spinal Fusion in the Elderly

Chairs

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

15:25-15:45

Potential of Anabolic Therapy in Patients with Osteoporosis

Albrecht Popp, Inselspital, Bern University Hospital, CH

15:45-16:05

Adjacent Insufficiency Fractures after Fusion in the Elderly: Salvage Surgery: How Much is Needed?

Stefan Schären, University Hospital Basel, CH

16:05-16:25

Radiofrequency Kyphoplasty for Osteoporotic Fractures

Markus Rühli, Hirslanden, Zurich, CH

16:25-16:30

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
Avenue Jomini 8
CH-1004 Lausanne

Prof. Robert Dunn, MD

Department of Orthopaedic Surgery
Groote Schuur Hospital and
Red Cross Children's Hospital
University of Cape Town
Cape Town, South Africa

Prof. Oliver Hausmann, MD

Hirslanden Klinik St. Anna
Neurochirurgie
St. Anna-Strasse 32
CH-6005 Lucerne

PD Gregory Jost, MD

Spitalzentrum Biel
Spinale Chirurgie
Vogelsang 84
CH-2501 Biel

Christopher Kelly, MD

Kantonsspital Aarau
Orthopädie-Zentrum
Tellstrasse 25
CH-5001 Aarau

Prof. Jean-Yves Lazennec, MD

Pitié-Salpêtrière Hospital
Chirurgie orthopédique et
traumatologie
Bd. de l'Hôpital 47-83
75013 Paris, FR

Thomas Loher, MD

Neurozentrum Bern
Schänzlistrasse 33
CH-3013 Bern

PD Gianluca Maestretti, MD

Hôpital fribourgeois
Chirurgie orthopédique
Chemin des Pensionnats 2-6
CH-1708 Fribourg

Prof. Adrian Merlo, MD

Praxis für Neurochirurgie
Spitalgasse 32
CH-3011 Bern

Univ.-Prof. Bernhard Meyer, MD

Klinikum Rechts der Isar
Direktor der Neurochirurgischen
Klinik und Poliklinik
Ismaninger Str. 22
81675 Munich, DE

PD Albrecht Popp, MD

Inselspital
Bern University Hospital
Dept. of Osteoporosis, DOPH
Freiburgstrasse
CH-3010 Bern

Prof. Andreas Raabe, MD

Inselspital
Bern University Hospital
Neurochirurgie
Freiburgstrasse 16
CH-3010 Bern

Jan Rosner, MD

Balgrist University Hospital
Spinal Cord Injury Center
Forchstrasse 340
CH-8008 Zurich

Markus Rühli, MD

Hirslanden
Wirbelsäulen- und Schmerz-Klinik
Witellikerstrasse 40
CH-8032 Zurich

Prof. Stefan Schären, MD

University Hospital Basel
Spinale Chirurgie
Spitalstrasse 21 / Petersgraben 4
CH-4031 Basel

Prof. Jean-Paul Steib, MD

Hôpitaux Universitaires de
Strasbourg
Clinique Chirurgicale B
1 place de l'hôpital
67091 Strasbourg, FR

PD Martin Stienen, MD

Kantonsspital St.Gallen
Klinik für Neurochirurgie
Haus 04
Rorschacher Strasse 95
CH-9007 St.Gallen

Prof. Enrico Tessitore, MD

Geneva University Hospitals
Neurochirurgie
Rue Gabrielle Perret-Gentil 4
CH-1205 Geneva

PD Christian Zweifel, MD

Kantonsspital Graubünden
Neurochirurgie
Loëstrasse 170
CH-7000 Chur

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Virtual Annual Meeting 2021

Swiss Society of Neurosurgery

Together with:

Association of neurosurgical nursing staff Switzerland

September 16-17, 2021

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