



Adrenaline & Repair

Complication Management in Neurosurgery

International Course and Conference | June 07–10, 2023

Klagenfurt, Austria

CONFERENCE PROGRAM

Scientific Board:

Thomas Kretschmer, MD, PhD, IFAANS, FEBNS

Dir. Dept. of Neurosurgery & Neurorestoration
Klinikum Klagenfurt, Klagenfurt, Austria

www.adrenaline-repair.at



KABEG



GENERAL INFORMATION

General Information & Prices

Date:

June 07–10, 2023

Place:

Klinikum Klagenfurt am Wörthersee

Feschnigstraße 11

9020 Klagenfurt am Wörthersee

Scientific Board:

**Thomas Kretschmer, MD, PhD, IFAANS,
FEBNS**

Dir. Dept. of Neurosurgery & Neurorestoration
Klinikum Klagenfurt, Austria

Prices:

Normal Price

EUR 860.00

EANS-Member

EUR 750.00

Limited number of participants!

Registration required!

Cancellation free of charge up to 2 weeks before the event is possible. After that, the full participation fee is due in case of cancellation.

Participation fee is collected in the name of the Medical Society.

Congressmanagement:

convention.group

Werbeagentur Michael Mehler e. U.

2380 Perchtoldsdorf

Donauwörther Straße 12/1

T: +43 1 869 21 23-32

F: +43 1 869 21 23-18

caroline.mehler@conventiongroup.at

Approbation:

CME Points (DFP) from the Medical

Association of Austria **(will be submitted)**

PRE-COURSE HANDS-ON JUNE 07

13:00–17:00 SPINE, VASCULAR & NERVE DRY LAB (SAW BONE, SUTURING, INSTRUMENT HANDLING, END-TO-END, END-TO-SIDE)

13:00–13:15 **WELCOME & INTRODUCTION**

Thomas Kretschmer | Klinikum Klagenfurt & Jakob Kraschl | Klinikum Klagenfurt

13:15–17:00 **PRESENTATIONS (10–15 MIN.)**

Intro microsurg techniques

Instruments

instrument handling & sutures

Pediculation C-spine, T-spine, L-spine

SCIENTIFIC & TRAINING PROGRAM DAY 1 | JUNE 08

Performance Psychology & Nerve

Lecture room | 1st floor main entrance

08:00–12:00 HOW TO IMPROVE SURGICAL PERFORMANCE

08:00–08:15 WELCOME & INTRODUCTION

Thomas Kretschmer | Klinikum Klagenfurt

08:15–10:15 IMPROVING PERFORMANCE – WHAT CAN WE LEARN FROM TOP ATHLETES AND MUSICIANS?

Keynote lectures, Q & A

Performing under high risk: endurance-stress-& fighting panic | pain-breathing & awareness | risk analysis & mgmnt | improving concentration | reduce recuperation time | remain in control of the situation

Dealing with „stage fright“: performance vs. practice mode | action plans | „fuck-ups“ | rituals and self-hypnosis | attention control | mental training forms | visualization | „dry stage“

Quick start: breathing for focus & relaxation, techniques „dry lab“

10:15–10:45 COFFEE & TEA

10:45–12:00 CAN YOU PREPARE TO MASTER ACUTE COMPLICATIONS?

Keynote lectures, Q & A

How I prepare for difficult cases | Lessons I learnt

Keynote

SCIENTIFIC & TRAINING PROGRAM DAY 1 | JUNE 08

Performance Psychology & Nerve

Lecture room | 1st floor main entrance

12:00–13:00 **LUNCH**

13:00–14:30 **NERVE**

Iatrogenic complications & positioning lesions

PN tu mishaps & repair (incl. intraabdominal)

Preventing CN damage & repair - peculiarities, tips and tricks

Nerve transfers for root damage (e.g. C5 after spinal surgery)

Nerve transfers for spinal cord lesions

Reconstructive Neurosurgery for cerebral & spinal lesions

Facial reanimation

Functional electrical stimulation & therapy for facial reanimation

14:30–18:00 **ADRENALINE RELATED ACTIVITIES** **Optional** (pre-register)

bus/shuttle transfer

18:30–22:00 **EVENING EVENT: Buschenschank**

bus/shuttle transfer

SCIENTIFIC & TRAINING PROGRAM DAY 2 | JUNE 09

Cranial & Spine

Lecture room | 1st floor main entrance

08:00–10:15 **COMPLICATIONS & MANGEMENT IN VASCULAR & CRANIAL NEUROSURGERY**

How I prepare for difficult cases | Lessons I learnt

Keynote

VASCULAR

Vascular suture and sealing techniques – tricks & pitfalls

Instant intracranial vessel mishaps – things to do & acute repair

CRANIAL & SKULLBASE

Transnasal approaches-endoscopic & microscopic

Complications & management anterior cranial fossa lesions

Anatomy prone to complications: inside middle cranial fossa – vulnerable structures & variants

Temporal lobe surgery-pitfalls and avoidance of complications

Vestibular schwannoma – pitfalls and avoiding cranial nerve deficit

Anatomy prone to complications: inside posterior cranial fossa – vulnerable structures & variants

SCIENTIFIC & TRAINING PROGRAM DAY 2 | JUNE 09

Cranial & Spine

Lecture room | 1st floor main entrance

10:15–10:45 **COFFEE & TEA**

10:45–12:15 **COMPLICATIONS & MANGEMENT IN VASCULAR & CRANIAL NEUROSURGERY**

VASCULAR

Inadvertent intraoperative aneurysm rupture & MCA the easy and not so easy

Complications & management of dAVF & AVM

Iatrogenic venous sinus lesions – overview, repair & bailout techniques

Overview cardiac standstill techniques

Induced cardiac standstill with rapid ventricular pacing to lower complication rate

Acute endovascular intervention for intracranial carotid lesion – emergent treatment path and time course

CASES (SHORT FLASH PRESENTATIONS)

Q & A

SCIENTIFIC & TRAINING PROGRAM DAY 2 | JUNE 09

Cranial & Spine

Lecture room | 1st floor main entrance

12:15–13:15 **LUNCH**

13:15–14:30 **COMPLICATIONS & MANAGEMENT GENERAL**

Bailout for navigational dysfunction

When things go wrong, how to deal with the patient and his relatives

Constrained Coagulation

COMPLICATIONS AND MANAGEMENT IN SPINAL SURGERY

VASCULAR INJURY

Vertebral artery injury

Vascular injury in spinal instrumentation & dorsal approaches to the spine

14:30–18:30 **ADRENALINE RELATED ACTIVITIES** Optional (pre-register)

bus/shuttle transfer

19:30–22:00 **EVENING EVENT: Dinner by the lake at Jilly beach “UPSTAIRS”**

Pörschach am Wörthersee

SCIENTIFIC & TRAINING PROGRAM DAY 3 | JUNE 10

Cranial & Spine

Lecture room | 1st floor main entrance

08:00–10:15 COMPLICATIONS AND MANAGEMENT IN SPINAL SURGERY

IOP complication: to prioritise & decision making

APPROACHES AND LESIONS

Complications & management of anterior cervical spine approaches

Complications & management at cranio-cervical junction

Complications & management in ant & lateral approaches, thoracic and lumbar

Wrong level spinal surgery - how to avoid it & how to manage it when it happens

Nerve complications in surgery on the neck

10:15–10:45 COFFEE & TEA

10:45–12:30 COMPLICATIONS AND MANAGEMENT IN SPINAL SURGERY

Well-being of the surgeon – coping strategies with complications

VASCULAR INJURY

Acute endovascular intervention for abdominal/iliac vessel injury-action chain & time course

Major vascular injury during dorsal spine approaches - different scenarios & emergent treatment algorithm

CASES (SHORT FLASH PRESENTATIONS)

Q & A

SCIENTIFIC & TRAINING PROGRAM DAY 3 | JUNE 10

Cranial & Spine

Lecture room | 1st floor main entrance

12:30–13:30 LUNCH

13:30–15:00 CASES (SHORT FLASH PRESENTATIONS)
Q & A

FEEDBACK FORM RETURN & FAREWELL

Faculty

Roman Bosnjak

Chair Dept. Neurosurgery, University medical center, Ljubljana, SLO

Justin Brown

Dir Reconstructive Neurosurgery & Massachusetts General Hospital Paralysis Center, Dept. Neurosurgery MGH, Adjunct Fac Harvard MIT, Harvard University Boston, USA

Andreas Gruber

Dir Dept. Neurosurgery Kepler Universitätsklinikum, Linz, AUT

Fernando Guedes

Div. of Neurosurgery Gaffree e Guinle University Hospital, Fed. University of Rio de Janeiro, BRA

Martin Guggi

Mag. Sports Science, certified coach, black belt & international competitions, Klagenfurt Flowing Arts (Fight Club session), Klagenfurt, AUT

Christian Heinen

Head Neuro- Spine & Nerve Surgery, Christliches Krankenhaus Quakenbrück, PN Section Chair EANS, GER

Julius July

Dept Neurosurgery, Asst Dean Edu, University Pelita Harapan, Neuroscience Center Siloam Hospital Tangerang/Jakarta, Indonesia/IDN

Jürgen Konczalla

Vice chair, Dept. of Neurosurgery, University of Frankfurt, GER

Kartik Krishnan

Head section Neurosurgery, Klinikum Bad Soden, GER

Martin Ortler

Dir Dept Neurosurgery, KH Rudolfstiftung, Vienna, AUT

Ricky Raschaert

ZNA Middelheim Hospital, Antwerp, BEL

Lukas Rasulic

Head Dept. Peripheral Nerve & Functional Neurosurgery, President Serbian & Southeast Europe Neurosurgical Society, Chair EANS Global & Humanitarian Committee, SRB

Wilson Zack Ray

Dept. Neurosurgery, Washington University, St. Louis, USA

Christian Redl

Apnoe diver and multiple world record holder e.g. deep & under ice, founder 7 oceans, AUT

Jan Regelsberger

Dir. Dept. Neurosurgery, Diakonissen Krankenhaus, Flensburg, GER

Niko Resch

49er / Skiff (sailing), 4x olympic games participant, 2x silver medalist world championships (Sailing session), AUT

Margitta Rosales

Opera singer, former kickboxer, voice coach and mental trainer - German Mental Trainer Academy Leipzig for competitive sports, Leipzig, GER

Jamil Rzaev

Physician in Chief, Federal Neurosurgical Center, Novosibirsk, RUS

Thomas Schmidt

Head cranial Surgery, Neuro-Spine & Nerve Surgery, Christliches Krankenhaus Quakenbrück, GER

Camillo Sherif

Dir Dept. Neurosurgery Universitätsklinikum, St. Pölten, AUT

Mariano Socolovsky

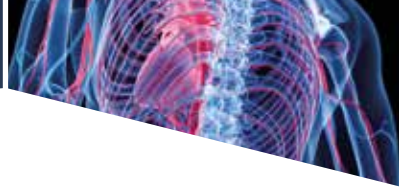
Dir Dept. Neurosurgery, University Buenos Aires, President Argentinian Neurosurgical Society, ARG

Keki Turel

Chair WFNS Committee on Complications in Neurosurgery, Emeritus Chair Dept. Neurosurgery Bombay/ Mumbai, Past President Neurological Society of India, IND

Peter A. Winkler

Em. Professor and Chairman, Dept Neurosurgery University of Salzburg, AUT - Visiting Professor Researcher at the Berlin Charité Neurosurgery, GER



Local Teams

Luca de Paoli

Institute for Diagnostic & Interventional Radiology,
Klinikum Klagenfurt, Klagenfurt, Austria

Klaus Hausegger

Institute for Diagnostic & Interventional Radiology,
Klinikum Klagenfurt, Klagenfurt, Austria

Erika Joham

DGKP, Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, AUT

Roland Keimer

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt AUT

Lukas Koller

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT

Jakob Kraschl

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT

Thomas Kretschmer

Dir Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT

Magnus Meschede

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT

Hannes Rauter

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT

Christina Repitsch

Msc, speech & language therapist, Klagenfurt, AUT

Alexandra Resch

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT

Thomas Rhomberg

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT

David Soldo

Dept Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Klagenfurt, AUT