



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



Conference Director:

Thomas Kretschmer

Conference Secretaries:

Alexandra Resch & Jakob Kraschl

Organization/Promotion:

Förderverein Neurochirurgie Klagenfurt – FNK

Dear colleagues,

it is my distinct pleasure to invite you to the 2nd round of Adrenaline & Repair – Complication Management in Neurosurgery, a unique international course and conference.

As before, we provide you with an unconventional mix of knowledge and hands-on experience to improve your neurosurgical performance.



Take a look at the schedule of this unforgettable event
and save your spot on **www.adrenaline-repair.at**

Our outstanding international faculty and my team will give their best to help you avoid and master challenging situations. As a substantial part we dive into performance psychology to be able to better prepare and cope. We have excellent keynotes & presentations, and you will be able to exchange with world class professionals: Neurosurgeons, athletes, mental trainers. Apply and test what you learnt during several afternoon activities, which are at your choice.

We encourage you to bring your own short flash cases for discussion (for upload via website: **www.adrenaline-repair.at**)

Expect to experience your peers and yourself in another way, learn and exchange much more than mere technical traits.

With best wishes for a most useful and memorable experience

Yours
Thomas Kretschmer, MD, PhD, IFAANS, FEBNS
Dir. Dept. of Neurosurgery & Neurorestoration,
Klinikum Klagenfurt, Austria

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:

This event has been accredited for the diploma of the Austrian Medical Chamber (DFP): 26 CME credit points.

PRE-COURSE HANDS-ON | WED, JUNE 07

Rooms at the exhibiton area | west entrance | Klinkium Klagenfurt

13:00–17:00 **SPINE, VASCULAR & NERVE DRY LAB (SPINE: SAW BONE PEDICULATION, PRINCIPLES AT DIFFERENT LEVELS | NERVE AND VASCULAR: INSTRUMENT HANDLING, SUTURING, END-TO-END, END-TO-SIDE)**

Jakob Kraschl, David Soldo, Alexandra Resch, Hannes Rauter, Lukas Koller, Thomas Kretschmer, Ricky Rasschaert, Andreas Gruber, Camillo Sherif & further faculty and Team Klagenfurt on availability

WELCOME & INTRODUCTION

Thomas Kretschmer, Jakob Kraschl

PRESENTATIONS: Intro microsurgical techniques | Instruments | Instrument handling & sutures | Pediculation C-spine, T-spine, L-spine

OBJECTIVES

Microsurgical positioning

Relaxed surgeon position for precision and endurance

Microscope & Exoscope handling

Working with mouth switch & foot pedal

The unsteady hand

Control maneuvers (repositioning, improved visualisation, „control breathing“)

Spine

Principles of pediculation open/transcutaneous, trajectories C-, T-, L-spine, massa-lateralis and transpedicular c-spine

Principles of Loop-X navigation on request: C-spine multi-level, T-spine navigational help for Vertebrectomy, L-Spine multilevel

Nerve

Instruments and differences, instrument handling, suture handling, suturing, different coaptation maneuvers

Vascular

Instruments and differences, instrument handling, suture handling, running vs single suture, different anastomosis techniques on tubes

SCIENTIFIC & TRAINING PROGRAM | THUR, JUNE 08

Performance Psychology & Nerve & Spine & General

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

08:00–10:15 HOW TO IMPROVE SURGICAL PERFORMANCE

08:00–08:15 WELCOME & INTRODUCTION

Dietmar Alberer, MD, MBA, Med Dir Klinikum Klagenfurt
Thomas Kretschmer

Influencing neurosurgical performance: training & preparation | atomic habits | attitude & mind | visualisation & breathing | embedding & team | extraordinary performance-flow & clutch model | failure & restart

Thomas Kretschmer

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

Christian Redl

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

Christian Redl

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

Margitta Rosales

10:25–10:45 COFFEE & TEA

SCIENTIFIC & TRAINING PROGRAM | THUR, JUNE 08

Performance Psychology & Nerve & Spine & General

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

10:45–12:00 **NERVE & SPINE**

CAN YOU PREPARE TO MASTER ACUTE COMPLICATIONS?

Keynote lectures, Q & A

KEYNOTE: How I prepare for difficult cases | Lessons I learnt

Keki Turel

NERVE & SPINE

Iatrogenic complications & positioning lesions

Lukas Rasulic

OPLL with cervical myelopathy: own complicated case, lit. review & lessons learnt

Camillo Sherif

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

Christian Heinen

12:00–13:00 **LUNCH**

SCIENTIFIC & TRAINING PROGRAM | THUR, JUNE 08

Performance Psychology & Nerve & Spine & General

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

13:00–14:30 IMPROVING PATIENTS MOTOR FUNCTION | PREVENTION & COUNSELING

NERVE & SPINE

Nerve transfers for spinal cord lesions LE

Justin Brown

Nerve transfers for spinal cord lesions UE

Wilson Zack Ray

GENERAL

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

Ricky Rasschaert

Preventing CN damage & repair – peculiarities, tips and tricks

Thomas Kretschmer

CASES, Q & A

(short flash presentations)

Keki Turel, moderator | Cases of faculty & participants

14:30–18:00 ADRENALINE RELATED ACTIVITY AFTERNOON CHALLENGE: different choices of optional activities **Optional** (pre-register)

bus/shuttle transfer

18:30–22:00 EVENING EVENT: Perspectives – A Night at the Hill Pyramidenkogel & Buschenschank

Bus transfer to Pyramidenkogel | **View from the tower**

Bus transfer to Buschenschank from Pyramidenkogel | **Dinner @ Buschenschank**

SCIENTIFIC & TRAINING PROGRAM | FRI, JUNE 09

Cranial & Vascular & Spine

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

08:00–10:15 CRANIAL & VASCULAR | FACIAL REANIMATION

KEYNOTE: How I prepare for difficult cases | Lessons I learnt

Martin Ortler

VASCULAR

Vascular suture and sealing techniques – tricks & pitfalls

Kartik Krishnan

CRANIAL

Transnasal approaches – endoscopic experience

Julius July

Complications & management of transnasal approaches (pituitary) – endoscopic

Roman Bosnjak

Vestibular schwannoma-pitfalls and avoiding cranial nerve deficit

Jamil Rzaev

VII REANIMATION

Facial reanimation

Kartik Krishnan

Functional electrical stimulation & therapy for facial reanimation

Christina Repitsch

CASES, Q & A

(short flash presentations)

Keki Turel, moderator | Cases of faculty & participants

10:15–10:45 COFFEE & TEA

SCIENTIFIC & TRAINING PROGRAM | FRI, JUNE 09

Cranial & Vascular & Spine

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

10:45–12:15

VASCULAR

Inadvertent intraoperative aneurysm rupture & MCA the easy and not so easy: case based approach

Jan Regelsberger

Complications & management of dAVF & AVM: case based approach

Jan Regelsberger

Instant intracranial vessel mishaps-things to do & acute repair

Andreas Gruber

CASES, Q & A

(short flash presentations)

Keki Turel, moderator | Cases of faculty & participants

12:15–13:15

LUNCH

SCIENTIFIC & TRAINING PROGRAM | FRI, JUNE 09

Cranial & Vascular & Spine

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

13:15–14:30 SPINE & VASCULAR INJURY

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

Local team

Vascular injury in spinal instrumentation & dorsal approaches to the spine

Local team

Complications & management of anterior cervical spine approaches – Surgeon's & Surveyor's view

Andreas Gruber

Vertebral artery injury in neurosurgery

Andreas Gruber

14:30–18:30 **ADRENALINE RELATED ACTIVITY AFTERNOON CHALLENGE:** **different choices of optional activities** **Optional** (pre-register)

bus/shuttle transfer

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

Pörtlach am Wörthersee

Video & foto presentations of A&R activities

SCIENTIFIC & TRAINING PROGRAM | SAT, JUNE 10

Spine & General & Cranial

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

08:00–10:15 SPINE | GENERAL | CRANIAL

SPINE

Complications & management at crano-cervical junction

Ricky Rasschaert

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

Ricky Rasschaert

CRANIAL & GENERAL

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

Peter A. Winkler

Well-being of the surgeon – coping strategies with complications

Ricky Rasschaert

Iatrogenic venous sinus lesions – overview, repair & bailout techniques

Martin Ortler

Avoidance and Identification of inaccuracies in neuronavigation

Thomas Schmidt

CASES, Q & A

(short flash presentations)

Keki Turel, moderator | Cases of faculty & participants

10:15–10:45 COFFEE & TEA

SCIENTIFIC & TRAINING PROGRAM | SAT, JUNE 10

Spine & General & Cranial

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

10:45–12:30 VASCULAR | GENERAL

VASCULAR INJURY IN SPINE

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

Luca de Paoli

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

Luca de Paoli

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

Jakob Kraschl

CASES, Q & A

(short flash presentations)

Keki Turel, moderator | Cases of faculty & participants

12:30–13:30 LUNCH

SCIENTIFIC & TRAINING PROGRAM | SAT, JUNE 10

Spine & General & Cranial

Lecture room | 1st floor main entrance | Klinkium Klagenfurt

13:30–15:00

CRANIAL | FEEDBACK

Complications in management of midline skull base lesions (non-pituitary) – endoscopic

Roman Bosnjak

Temporal lobe surgery-pitfalls and avoidance of complications

Martin Ortler

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

Peter A. Winkler

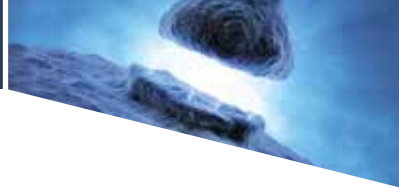
CASES, Q & A

(short flash presentations)

Keki Turel, moderator | Cases of faculty & participants

15:00

FEEDBACK FORM RETURN & FAREWELL



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Stryker Austria GmbH

Vista-Medical Medizintechnik GmbH

Zeppelin Medical Instruments GmbH



Faculty

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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

Martin Guggi

Mag. Sports Science, teacher, certified coach, black belt & international competitor, 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

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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

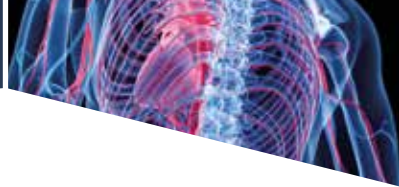
Dir Dept Neurosurgery Universitätsklinikum, St. Pölten, AUT

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

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For registration, booking of events, and submission of cases/free papers please visit:

www.adrenaline-repair.at