



Adrenaline & Repair

Complication Management in Neurosurgery

International Course and Conference | June 25–27, 2020
Klagenfurt, Austria

OPTIONAL PRE & PAST CONFERENCE PROGRAM



DEAR COLLEAGUES,

I am very pleased to invite you to a unique annual course and conference in Klagenfurt/Austria, the heart of beautiful Carinthia. Expect a three day event that sets new standards in strive for improving neurosurgical performance by combining surgical training and exchange with exciting outdoor activities.

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



Klagenfurt/Austria is a beautiful place that faculty and participants can enjoy in multiple ways. We highly recommend to extend your stay and tour the environment and landscape of the alpe-adriatic room.

Klagenfurt borders to Italy and Slovenia, 2 hours from the Mediterranean Sea, 4 hours to Venice, situated between the Alps and the Karawanken. It is a hiking and biking eldorado known for its crystal clear lakes, the largest of them, the Wörthersee, right at the city borders. Vienna, Salzburg and Venice are close by. We will create an Internet platform and assist you with travel plan suggestions. Our approach is different and we are confident to constitute a new training and exchange platform with your help.

See you in Klagenfurt on June 25–27, 2020

Yours
Thomas Kretschmer, MD, PhD, IFAANS

*Dir. Dept. of Neurosurgery
Klinikum Klagenfurt, Austria*

SCIENTIFIC & TRAINING PROGRAM



DAY 1

FOUNDATION & NERVE

• THE PSYCHOPHYSIOLOGY OF ACUTE STRESS

Brain, hormones, muscles & perfusion crossroads between inability to act and higher performance level

• PERFORMING UNDER ACUTE STRESS – WHAT CAN WE LEARN FROM HIGH PERFORMANCE ATHLETES

Keynote lectures

Visualizing

Chains of action

• CAN YOU PREPARE TO MASTER COMPLICATIONS?

Internationally renowned keynote speakers

Cerebrovascular, skullbase, eloquent CNS, spine, nerve

• HANDS ON

Breathing & awareness & flow

Microsurgical instrument handling

Percutaneous screws & bailout techniques

Sacral & ilium screws

Vascular repair – suture techniques

Nerve – microsurgical techniques

• IATROGENIC NERVE LESIONS & REPAIR

Overview

Repair techniques & strategies

PN tumor mishaps

Cranial nerve repair

Optic nerve – what to expect

• AFTERNOON CHALLENGE: ADRENALINE RELATED ACTIVITY

• “FREE FALL”

Tscheppa gorge traverse or wet suit jump

„Abseiling“ from Pyramidenkogel

• “ALL OUT”

Lake swim

Up the hill – bikeride

• EVENING-EVENT: PERSPECTIVES – A NIGHT AT THE HILL “PYRAMIDENKOGEL”

Video & report of survivors



DAY 2

VASCULAR, CRANIAL & FREE PAPERS

• EMERGENT VASCULAR REPAIR

Cardiac standstill

Cerebrovascular, 1-8 mm

Extremity vasculature & extracerebral carotid artery (cases OR live)

Abdominal vasculature

Venous repair cerebral, extracerebral & abdominal

• EMERGENT ENDOVASCULAR REPAIR

Treatment chain

Techniques

Cases

Angiosuite live (stenting)

• HANDS ON

Dry lab training with vascular and microvascular experts

• CEREBRAL LESIONS

Tricks to master cerebral complications

Sinus repair

Cavernous sinus

Approach related risks

Cutting sinus, falx and tentorium properly

Calvarial & orbital reconstruction

• COMPLICATIONS & MANAGEMENT: FREE PAPERS

• MY WORST CASE – SURGICAL NIGHTMARES

• AFTERNOON CHALLENGE: ACTIVITY RELATED ADRENALINE

• "UP IN THE AIR & DOWN IN THE LAKE"

Tandem paragliding

Apnoe diving – introduction to breathing technique

• "MY FIRST COMBAT SPORT EXPERIENCE"

The 1 hr Fight club – an intro to BJJ

• EVENING EVENT: RELAXING BY THE LAKE

Presentation & video – experience with "afternoon challenge"

All activities are **optional**.

Please announce at the registration, which activity you would like to participate in.



DAY 3

SPINE & FREE PAPERS

• COMPLICATIONS IN SPINAL SURGERY

ALIF & XLIF

Dorsal approaches to the spine

Vascular injury in spinal instrumentation

Injury signs and repositioning

The open back: vac vs local vs free flaps

Vascularized bone grafts

Spinal CSF fistula

Soft bone & broken pedicles

Cranio-cervical junction dissecting around the vertebral artery

Retroperitoneal tumors

Sacral tumors and chordomas

• HANDS ON SPINE

Hooks, massa lateralis, pedicle screws from sacral to occipital on saw bone

Cementable & rescue screws

Vertebral body replacement

Costotransversectomy technique & pitfalls

• COMPLICATIONS & MANAGEMENT: FREE PAPERS

• MY WORST CASE – SURGICAL NIGHTMARES

• EVALUATION AND FAREWELL

For the extended program, individual booking and, further information please visit:

www.adrenaline-repair.at