

FRIDAY, JUNE 29TH

TOPIC	FACULTY/ SPEAKER	TIME (+ discussion)
Registration		7:30
Welcome – 5 th International Spine Tumor Days	Schaser/ Disch	8:35 10 min
Session I Risks of Preoperative Intervention and Imaging of Postoperative Complications Moderators: Schackert/Rhines		
<i>"You don't get another chance, life is no Nintendo game"</i> Eminem, <i>Love the way you lie</i> Correctly performed biopsy of solitary spinal lesions: pitfalls, errors and guidelines	Akbar	8:45 10 + 5 min
<i>"Without you I cannot be, with you I am alone too"</i> Rammstein, <i>Without you</i> Efficacy and risks of preoperative embolization of spinal tumors	Hoffmann	9:00 10 + 5 min
<i>"All I really need is to know that you believe ..."</i> Prince, <i>I Would Die 4 U</i> Diagnostic imaging of complications in the postoperative spine: detection of recurrence, infection and hardware malpositioning/failure	Gebauer	9:15 10 + 5 min
Coffee Break		9:30 – 9:50
Session II Surgery I – Approaches and Resection Techniques Moderators: Laufer/Disch		
<i>"Even a blind man knows when the sun is shining"</i> Grateful, <i>Dead Good Lovin'</i> How safe are percutaneous radiofrequency ablations of spinal tumors: predictability, outcome and adverse events	Franke	9:50 10 + 5 min
<i>"I think I sprained my brain"</i> ZZ Top, <i>Planet of Women</i> Perioperative outcomes and complications following MIS for spinal metastatic patients	Disch	10:05 10 + 5 min
<i>"With the lights out its less dangerous"</i> Nirvana, <i>Smells Like Teen Spirit</i> Vertebral artery injury revisited: intra- and perioperative management and complication avoidance	Stulik	10:20 10 + 5min
<i>"Even the people who never frown, eventually break down"</i> Linkin Park, <i>Pushing Me Away</i> Intra- and postoperative complications in anterior approaches to the thoracolumbar spine	Liljenqvist	10:35 10 + 5 min
<i>"Time can bring you down, time can bend your knees"</i> Eric Clapton, <i>Tears In Heaven</i> Anterior fusion needed: management of spinal reconstruction failure/cage subsidence in long term survivors after multisegmental resection	Ruf	10:50 10 + 5 min
<i>"Every wave is new until it breaks"</i> Neil Young, <i>Rapid Transit</i> Proton beam therapy combined with spine tumor surgery: factors influencing effectiveness	Lohaus	11:05 10 + 5 min
Coffee Break		11:20 – 11:40

Session III Complications of Adjuvant Therapy

Moderators: Varga/Kawahara

<i>"Some die just to live"</i> Eddie Vedder, <i>Immortality</i> Severity of chemotherapy-induced toxicity in sarcoma patients: are there predictive factors?	Kunitz	11:40 10 + 5 min
<i>"I can't live with or without you"</i> U2, <i>The Joshua Tree</i> Risks and benefits of bisphosphonates or denosumab in patients with spinal metastases: finding a balance?	Hofbauer	11:55 10 + 5 min

Key note lecture:
„Is a dream a lie if it don't come true?" Bruce Springsteen, *The River*
Outcomes and complications of biological reconstructions following spinal and/or sacral tumor resections

Lunch Break 12:40 – 13:55

Session IV Surgery II – Resection and Dura/Vessel Management

Moderators: Liljenqvist/Quraishi

<i>„Oh, it's nobody's fault but mine"</i> Led Zeppelin, <i>Presence</i> Complication avoidance and management with CSF leakage due to thecal sac injury and inadvertent dural tear	Ringel	13:55 10 + 5 min
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"Don't have to be cool, to rule my world" Prince, *Kiss*
Which factors dictate major surgical complications for intradural extra-/intradural spinal tumors

„... many times I've listened, many times I've wondered how much there is to know" Led Zeppelin, *Over the hills and far away*
Tips and Tricks for prevention of neurological injury during spinal tumor resections: only reacting to monitoring changes ...?

„People think I'm crazy, but I'm in demand." Ozzy Osbourne, *Flying High Again*
Anterior involvement/encasement of large vessels patients with solitary spinal tumors: surgical feasibility vs. oncological usefulness

„There is no pain, you are receding" Pink Floyd, *Comfortably Numb*
Preservation or ligation of spinal arteries in multisegmental en bloc excisions: an (un)necessary compromise?

"I'm always blamin you, but what's sad, you're not the problem" Kanye West, *Real Friends*
"Why me, why now?": management of intraoperative haemorrhage and vascular injury during/after spinal procedures

Coffee Break 15:25 – 15:40

Session V: Abstract Session "Even the losers get lucky sometimes"

Tom Petty, *Even The Losers* Moderator: Ruf

A1/2: National trends of operative treatment for spinal metastases in Thailand from 2005–2014/Postoperative outcomes of subaxial cervical spine metastases comparing anterior, posterior and combined approach	Luksanap-rukka	15:40 – 16:52 8 + 2 min
A3: The challenges in surgical management in atlantoaxial dislocation secondary to tumors of the upper cervical region: report of 6 cases	Rahimiz-adeh	4 + 2 min
A4: Survival rate after corporectomy for a single spinal metastasis	Silbermann	4 + 2 min
A5: Management of circumferential dura involvement in a solitary spinal metastasis patient: mission impossible	Boszczyk	4 + 2 min
A6: Intraoperative ultrasound in spinal surgery for identifying the tumor borders in miscellaneous intradural pathologies	Podlesek	4 + 2 min
A7/8: Prognostic significance of Tokuhashi scale in the treatment of metastatic spine lesions/Results of differential surgical treatment of patients with giant schwannomas of the sacrum	Kosimshoev	8 + 2 min
A9: Inverted smiley face technique – a novel reproducible access technique for nerve sparing sacrectomies and reconstructive spino-pelvic fixations	Dsouza	4 + 2 min
A10: My best and worst case of spinal tumor surgery	Zaluski	4 + 2 min
A11/12: Intraoperative CT navigation for en bloc resection of a sacral chordoma: clinical case/Use of intraoperative computed tomography-assisted navigation for the surgical resection of osteoid osteoma of the spine	González	8 + 2 min
A13: Revision strategy and follow-up for implant failure in a case of combined anterior and posterior reconstruction after three-level en bloc vertebral body replacement and replacement of the aorta for chondrosarcoma of the thoracic spine	Graulich	4 + 2 min

Dinner 19:30



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SATURDAY, JUNE 30TH

Session VI Surgery III – Reconstruction and Fixation Failures

Moderators: Reynolds/Rose

"Behind every beautiful thing, there's some kind of pain" Bob Dylan, *Not Dark Yet*
Wound failure and soft tissue defects following spinal tumor surgery: why should we have a low threshold to involve plastic surgeons?

„So Lord, won't you buy me a Mercedes Benz ..." Janis Joplin, *Mercedes Benz*
2D-/3D-imaging and navigation-assisted excision techniques at the spine and sacrum: hype or hope?

„Fall mountains, just don't fall on me" Jimi Hendrix, *If 6 Was 9*
Occurrence of perioperative complications in the treatment of multisegmental en bloc resections

"You can neither win nor lose, if you don't run the race" David Bowie, *Love my way*
How to recognize and respond to complications of sacral tumor resections

Key note lecture:
"What the hell we are fighting for?" Queen, *Hammer to Fall*
Risk factors for local recurrence of surgically treated spinal metastases

Coffee Break 10:30 – 11:00

Session VII Morbidity & Outcome

Moderators: Luzzati/Fehlings

„Just because you cant see anything, doesnt mean you should close your eyes" Ray Charles
Postoperative infection following spinal tumor resection:
- the surgeons perspective
- the clinical microbiologist view

"I'm not afraid of dying, I'm afraid of not trying" Jay-Z, *Beach chair*
Complications and their avoidance in lumbar-sacral sarcoma

"Dreams, they complicate my life" REM, *Get Up*
Local disease control for spinal metastases following „separation surgery" and adjuvant stereotactic radiosurgery: outcome analysis

"Life is ours, we live it our way" Metallica, *Nothing else matters*
Quality of life improvement after surgery for metastatic tumors of the spine

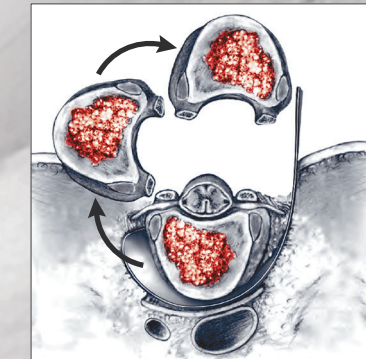
Summary & Farewell "Dresden calling" – announcement of the 6th STD 12:00

End of the meeting 12:15

5TH INTERNATIONAL SPINE TUMOR DAYS

June 29–30, 2018
Dresden, Germany

Complications in Spine Tumor Surgery



Universitätsklinikum Carl Gustav Carus
University Centre for Orthopaedics & Trauma Surgery



DESCRIPTION OF THE MEETING

The success and efficiency of oncological and surgical treatment for spinal column tumors is closely related to the avoidance and – in the case of their appearance – immediate and appropriate reaction on surgical complications. Although the scopes of diverse surgical interventions may be different, the range and grade of intraoperative complications are quite comparable in metastatic and primary tumors. The incidence is more related to extensive procedures and compared to conventional spine surgery negatively triggered by patient associated factors, e.g. type of underlying malignancy, previous radiation or systemic chemotherapy. A variety of proven algorithms but also individual surgical skills, personal experience and infrastructural prerequisites are mandatory for sufficient management of such adverse events.

To allow postoperative healing at the surgical site temporary suspension of relevant systemic therapy following surgery is necessary. Any complicated postoperative course may result in a morbidity increase with the burden of serial revision surgeries, an impairment of immune status, consecutive further delay in adjuvant therapies, and an inevitably decreased overall survival. The **2018 INTERNATIONAL SPINE TUMOR DAYS** in Dresden will focus on the avoidance and management of complications in interdisciplinary therapy of spinal tumors. The different perspectives are expected to increase in particular the spine tumor surgeon's awareness of minor as well as feared complications and how to prevent and manage them effectively.

We are looking forward to welcome you in Dresden!

Prof. Dr. med. Klaus-Dieter Schaser
Prof. Dr. med. Alexander C. Disch

REGISTRATION

Please register online at www.spine-tumor.com.

REGISTRATION FEES

Conference program	
Full Delegate Registration	325 €
Student day ticket June 29	125 €
Student day ticket June 30	125 €
Regular day ticket June 29	225 €
Regular day ticket June 30	225 €

SOCIAL PROGRAM

Symposium dinner June 29 <i>for Participants</i>	15 €
Symposium dinner June 29 <i>for Accompanying person</i>	60 €

SPONSORS & EXHIBITORS

A big Thank You to the current sponsors, exhibitors and partners, without whom we would not be able to organize the **5th INTERNATIONAL SPINE TUMOR DAYS** in such a high quality.

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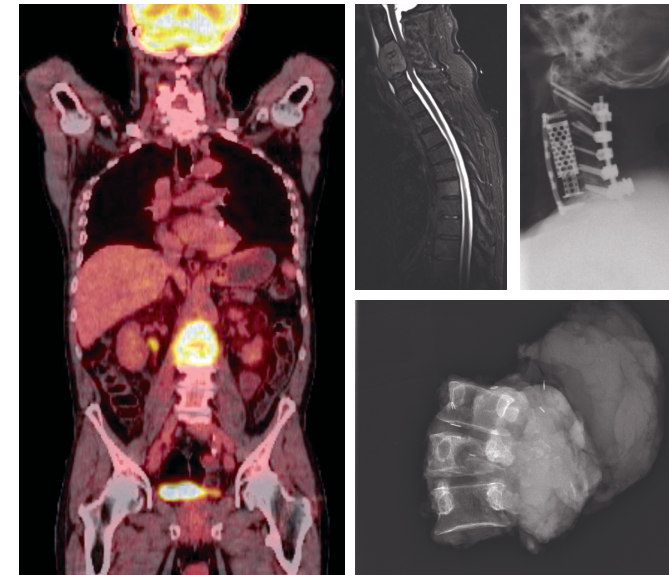
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GENERAL INFORMATION

VENUE

Hilton Dresden
An der Frauenkirche 5
01067 Dresden, Germany
www.hiltonhotels.de/deutschland/hilton-dresden

SCIENTIFIC PROGRAM COMMITTEE

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Prof. Dr. med. Alexander C. Disch
Universityhospital Carl Gustav Carus Dresden
University Centre for Orthopaedics & Trauma Surgery

CONFERENCE WEBSITE

www.spine-tumor.com

CERTIFICATION

The 5th Spine Tumor Days are certified by the State Chamber of Physicians of Saxony as follows:

June 29, 2018: Category A 8 points
June 30, 2018: Category A 4 points

CONFERENCE LANGUAGE

The official congress language is English.

JOURNEY

From Dresden Klotzsche Airport please follow the signs for city center ("Zentrum"), then walk across the Carola Bridge. Turn left at first traffic lights and follow signs to the Hilton Dresden hotel. If you are using a GPS device, please use "Brühlsche Gasse" as your destination.

HOTEL

Room reservations are in the responsibility of the attendees. For additional hotel recommendations see also www.spine-tumor.com.

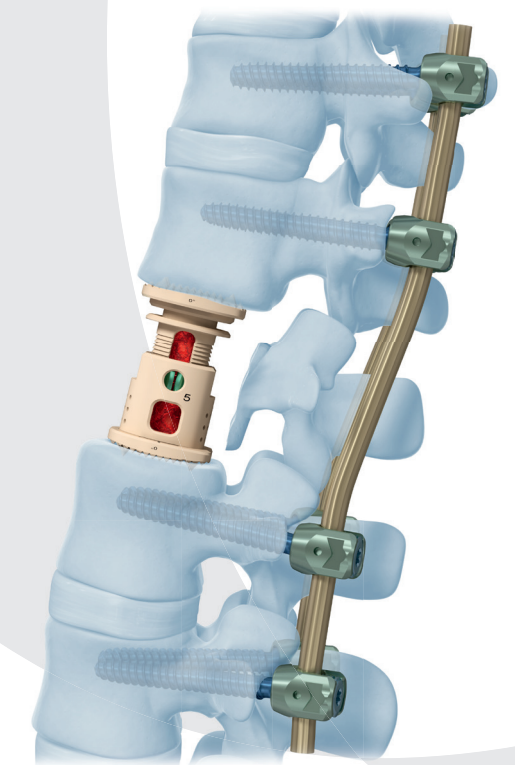
For any further information or help please contact:

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