

REGISTRATION

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

Registration Fees

Conference program	
Full deligate registration	350 EUR
Student day ticket June 7	150 EUR
Student day ticket June 8	150 EUR
Regular day ticket June 7	250 EUR
Regular day ticket June 8	250 EUR

Social Program

Symposium dinner June 7 for participants	40 EUR
Symposium dinner June 7 for accompanying person	80 EUR

Sponsors & Exhibitors
 A big Thank You to the current sponsors, exhibitors and partners, without whom we would not be able to organize the 7th INTERNATIONAL SPINE TUMOR DAYS in such a high quality.

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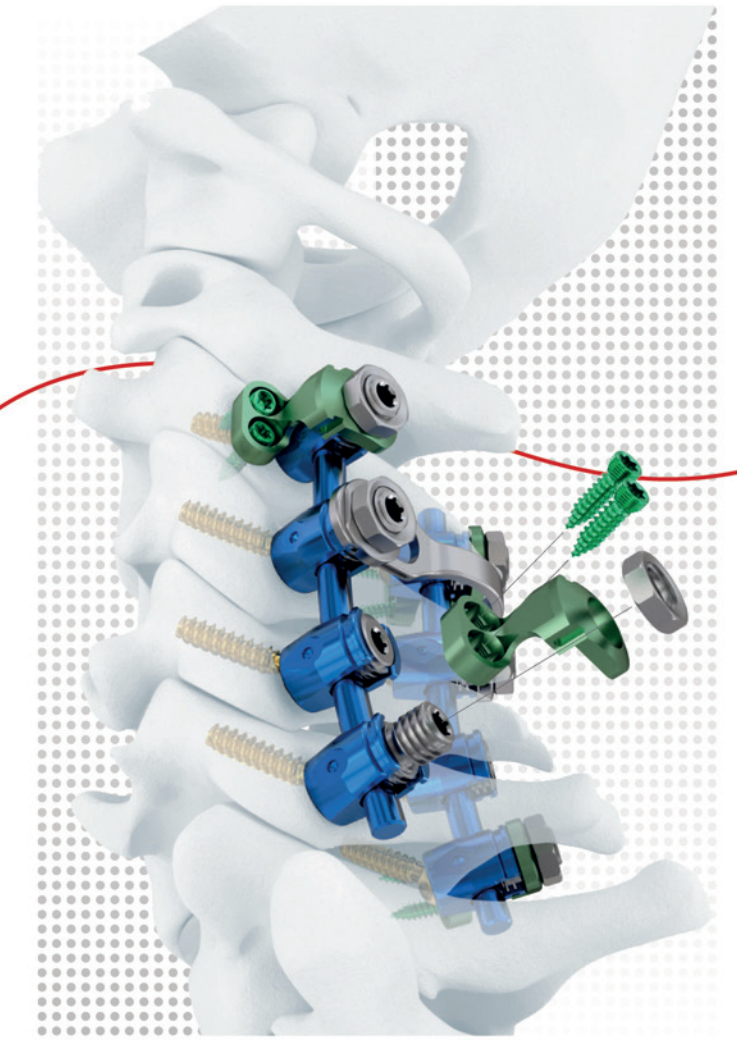
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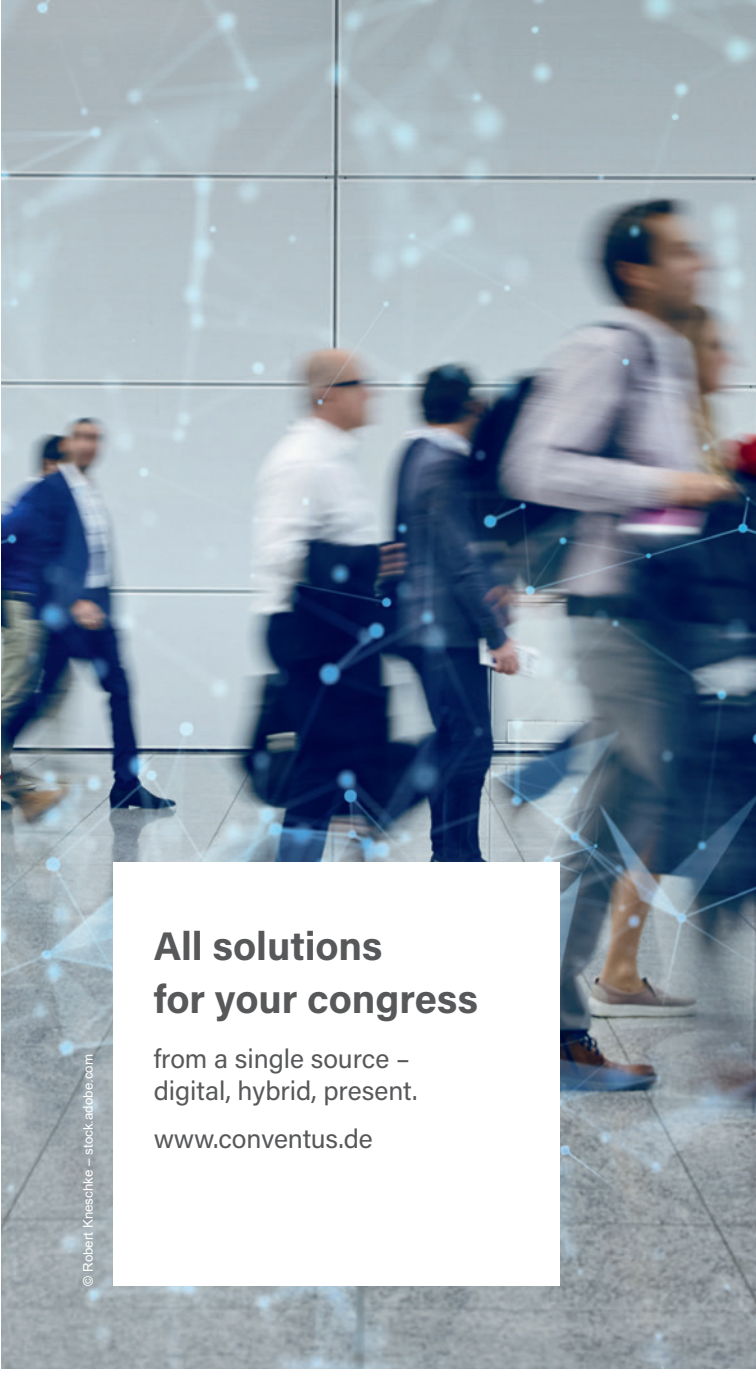
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WELCOME NOTE

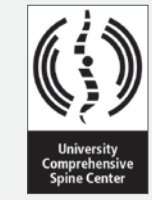
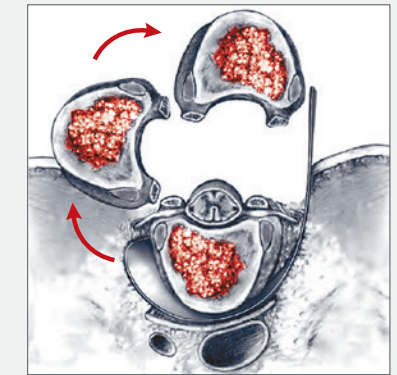
As an inevitable consequence of a growing digital evolution and ubiquitous connectivity in society, economy and medical science, also spine surgeons are forced to accelerate their technical investments and integrate digital workflows, planning tools, instruments and surgical techniques. Particularly, the application of rapidly evolving artificial intelligence, robotics, and augmented reality in the management of complex human diseases such as cancer, have garnered significant attention. Similarly, spine tumors, being heterogeneous and complex diseases, continue to evolve due to changes in the biological environment and their responsiveness to radiation and chemotherapy. Although development of digital biomarkers, prediction of tumor behavior, non-invasive early individualized diagnostic and therapeutic approaches, there have been no major changes to the basic surgical principles for extralaminar resection of spinal sarcomas or palliative resections/ stabilization in spinal metastases. While the impact of the next generation of imaging technologies and networks, AI and robotic approaches cannot be understated, spine tumor surgeons must focus on identifying relevant concrete and potential fields of application, combine the pre-/intraoperative imaging data with results of molecular analysis or clinical data and to set yet to defined standards. Therefore, active conversation and debate between spine surgeons, radiological imaging experts, radio-/oncologists and industry partners are essential for translation of new techniques into the clinical routine. Taking place on 7th to 8th of June in Dresden, the International Spine Tumor Days bring together spine tumor surgeons, radiologists, distinguished translational oncologists and innovative communication networkers to discuss how patient care in spinal oncology can benefit from new digital technologies, imaging and communication innovations. So, it is prime time for lively scientific exchange, to hear the most recent diagnostic and therapeutic approaches but also to recall the basic surgical principles that target primary and secondary spinal tumors without compromise.

Looking forward seeing you all in Dresden again!
 Prof. Dr. med. Alexander C. Disch
 Prof. Dr. med. Klaus-Dieter Schaser

7th INTERNATIONAL SPINE TUMOR DAYS

JUNE 7–8, 2024 | Dresden, Germany

Modern concepts and technologies in spine tumor surgery



www.spine-tumor.com



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FRIDAY, JUNE 7

08:35–08:45 **Opening ceremony – Welcome "7th International Spine Tumor Days"**
Salon Petersburg Chairs Schaser, Disch (Dresden/DE)

08:45–09:45 **Session I – Diagnostic Imaging of Primary & Secondary Spine Tumors**
Salon Petersburg Chairs Schultheiss (Ulm/DE), Netzer (Basel/CH)

08:45 Artificial intelligence and machine learning in diagnostic spine imaging
Dreischarf (Leipzig/DE)

09:00 Sensitivity of PET in spinal tumors/metastases: Are there falsely negative/positive & discordant findings
Fendler (Essen/DE)

09:15 Diagnostic and prognostic value of IDH mutations in chondrosarcoma patients: Prospects for imaging included?
Juratli (Dresden/DE)

09:30 Circulating tumor cells following spinal surgeries
Stangenberg (Hamburg/DE)

09:45–10:15 Coffee Break

10:15–11:30 **Session II – Surgical Innovation in Spine Oncology**
Salon Petersburg Chairs Reynolds (Oxford/GB), Disch (Dresden/DE)

10:15 Roboter-assisted spine tumor resections – first experiences
Shankar (Boston/US)

10:30 Spine surgery supported by augmented reality
Nimsky (Marburg/DE)

10:45 New developments in 3D printing: from PSI to tissues and towards space
Gelinsky (Dresden/DE)

11:00 Navigation-assisted spinal/ sacral tumor resections – Anything new?
Schultheiss (Ulm/DE)

FRIDAY, JUNE 7

11:15 Video-assisted thoracoscopic en bloc vertebrectomy for spine tumors – technique and outcomes
Bouthors (Paris/FR)

11:30–12:30 Lunch Break

12:30–13:15 **Workshop – Cervical spine tumor cases:**
Salon Petersburg Results with a fully equipped 3D-Navigation Robotic Hybrid OR
Huber-Wagner (Schwäbisch Hall/DE)

13:15–14:00 **Session III – Resection Techniques & Reconstructive Challenges**
Salon Petersburg Chairs Martin-Benlloch (Valencia/ES), Luzatti (Milano/IT)

13:15 Lessons of challenging stabilizations and hardware failure following intra-/extralesional spinal tumor resections
Disch (Dresden/DE)

13:30 Patient selection considerations – When is en bloc resection indicated, feasible and oncologically useful?
Reynolds (Oxford/GB)

13:45 Benign spinal bone tumors – Indications for intra- versus extralesional excisions
Liljenqvist (Münster/DE)

14:00 **Key Note Lecture #1 – Robotics, connectivity and human-machine interaction**
Fitzek (Dresden/DE)

14:30–15:00 Coffee Break

15:15–16:30 **Session IV – Abstract Session**
Salon Petersburg Chair Eyüpoglu (Dresden/DE)

15:00 A1: Efficacy and safety of lumpopelvic fixation in spinal metasis comparing S2 Alar-iliac screw and conventional iliac screw
Akkarawanit (Bangkok/TH)

FRIDAY, JUNE 7

15:08 A2: Development of machine learning algorithms for predicting preoperative and postoperative venous thromboembolism in patients undergoing surgery for spinal metastasis
Santipas (Bangkok/TH)

15:16 A3: Safety and Accuracy of Radiation-Free Spinal Navigation using a Specific BoneMRI-Protocol compared to CT
Walter (Cologne/DE)

15:24 A4: En-bloc resection of spine tumors with major vessels
Musaev (Moscow/RU)

15:32 A5: Management of complex late complications following multilevel en bloc excision of thoracolumbar clearcell sarcoma
Weidlich (Dresden/DE)

15:40 A6: Mechanical and oncosurgical outcome following aggressive spinal resections: a multicenter review
Rodriguez (Dresden/DE)

15:48 A7: Navigated 3-Level cervical en bloc spondylectomy for mesenchymal chondrosarcoma
Fritzsche (Dresden/DE)

15:56 A8: Incidence and predictors of postoperative kyphosis following resection of intraspinal tumors: a retrospective cohort study
Podlesek (Dresden/DE)

19:30 Symposium Dinner

SATURDAY, JUNE 8

09:00–10:00 **Session V – Trends and Perspectives**
Salon Petersburg Chair Schaser (Dresden/DE)

09:00 The Health-related quality of life of sarcoma patients and survivors in Germany: Is spinal involvement particularly harmful?
Eichler (Dresden/DE)

SATURDAY, JUNE 8

09:15 Carbon-fiber implants for treatment of spinal instability due to malignancy
Ryang (Berlin/DE)

09:30 Chordoma incidences and treatment centralization in the Netherlands
van der Wal (Leiden/NL)

09:45 Indications for en bloc treatment of spinal metastases – Do they exist?
Martin-Benlloch (Valencia/ES)

10:00–10:20 Coffee Break

10:20 **Key Note Lecture #2 – Human-machine collaboration in surgery – bridging the gap between robotics and data science**
Salon Petersburg Speidel (Dresden/DE)

10:50–11:50 **Session VI – Complex Scenarios and Complication Management**
Salon Petersburg Chair van der Wal (Leiden/NL)

10:50 Shifting paradigms in the treatment of chordoma
Gokoslan (Providence/US)

11:10 All sorts of expected and unforeseen complications during multilevel en bloc spondylectomy – Any chance for their avoidance?
Luzatti (Milano/IT)

11:30 Complication patterns and failures in sacral primary tumor resection?
Schaser (Dresden/DE)

11:50–12:00 **Summary and Farewell – "Dresden calling" announcement of the 8th ISTD**
Salon Petersburg

GENERAL INFORMATION

Venue and Date
HILTON Hotel Dresden
An der Frauenkirche 5
01067 Dresden, Germany
June 7–8, 2024

Conference Website
www.spine-tumor.com

Conference Chairs
Prof. Dr. med. Klaus-Dieter Schaser
Prof. Dr. med. Alexander C. Disch, PhD
Universitätsklinikum Carl Gustav Carus Dresden
University Centre for Orthopaedics, Traumatology & Plastic Surgery

Certification
The certification of the 7th International Spine Tumor Days is approved by the Medical Chamber of Saxony as follows:

Friday, June 7 (08:45–11:30)	Category B	3 Points
Friday, June 7 (14:00–17:20)	Category B	3 Points
Saturday, June 8 (09:00–12:00)	Category B	3 Points

Please register once per half-day in the certification lists in order to have the points credited to your CME account.

Conference Language
The official congress language is English.

For any further information or help please contact:
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