



MUNI  
LÉKAŘSKÁ  
FAKULTA



4<sup>th</sup> spondylooncology symposium

# Multidisciplinary management and treatment in spinal onkology

– the winning strategy



November 7 - 9, 2021  
Hotel Marriott, Brno, Czech Republic

PRELIMINARY PROGRAM

**8.30 – 9.00 Opening ceremony****9.00 – 10.15 Section I.**

**Oncology - general overview - imaging methods, molecular biology, diagnostics**

**A multidisciplinary approach to solving the problem of spinal tumors** 10' + 2'  
*Grell P.*

*Klinika komplexní onkologické péče LF MU a Masarykův onkologický ústav Brno*

**Tumors and metastatic diseases of the spine in the CZ-DRG classification system** 10' + 2'

*Pavlík T.*

*Ústav zdravotnických informací a statistiky ČR, Praha*

**Imaging methods in spondylooncology** 10' + 2'

*Neumann A.*

*Masarykův onkologický ústav, Oddělení radiologie*

**Use of MR and PET/MR in the diagnosis of spinal tumors** 10' + 2'

*Šprláková-Puková A., Mechl M., Keřkovský M., Dostál M.*

*Klinika radiologie a nukleární medicíny LF MU a Fakultní nemocnice Brno*

**Nuclear medicine for skeletal and soft tissue examination** 10' + 2'

*Vašína J.*

*Masarykův onkologický ústav Brno, Oddělení nukleární medicíny*

**Focal bone lesions: possible diagnostic pitfalls through the eyes of a pathologist** 10' + 2'

*Staniczková Zambo I.*

*Patologicko-anatomický ústav Fakultní nemocnice u sv. Anny v Brně a LF MU*

**Discussions****10.15 – 10.25 Coffee break****10.25 – 11.25 Section II.**

**Oncology - general overview - imaging methods, molecular biology, diagnostics**

**Immunohistochemistry in the diagnosis of secondary bone malignancies** 10' + 2'

*Pavlovský Z.*

*Ústav patologie LF MU a Fakultní nemocnice Brno*

**Vascular interventional radiology in spine surgery** 10' + 2'

*Hustý J., Bartušek B., Sedmík J., Pánek J.*

*Klinika radiologie a nukleární medicíny LF MU a Fakultní nemocnice Brno*

**Preoperative embolization of spinal tumors: when, where and why?** 10' + 2'

*Samonenko Y.*

*Scientific Practical Center of Endovascular Neuroradiosurgery of the National academy of Science, Kyiv, Ukraine*

**Spine biopsy or how to eat an elephant** 10' + 2'*Antoniak K., Dobiecki K., Brykczyński M.**Pomeranian Medical University Hospital in Szczecin, Department of Orthopaedics***Vertebroplasty in oncology patients** 10' + 2'*Křístek J.**Oddělení radiologie, Masarykův onkologický ústav***Discussions****11.25 – 11.35 Coffee break****11.35 – 13.00 Section III.**

**Surgical treatment - indications and approaches, surgical techniques, en bloc resection, material possibilities of implants**

**Radical resection of spinal cancer in pediatric patients** 10' + 2'*Štulík J., Varga M.**Klinika spondylochirurgie 1. LF UK a Fakultní nemocnice v Motole***Surgical approach and technique choice in treatment of thoracolumbar metastases according to patient status and predicted life expectancy** 10' + 2'*Paściak M.**District Hospital of Orthopedics, Katowice***Separation surgery for the treatment of spinal metastasis in patients with epidural compression** 10' + 2'*Demchenko D.**Kharkov National Medical University (KNMU), Orthopedic and Trauma Department, TRMC „UC“ KhNMU, Ukraine***Curative resection surgery for spinal cancer and solitary metastases** 10' + 2'*Cienciala J., Grosman R.**Ortopedická klinika LF MU a Fakultní nemocnice Brno***Possibilities of surgical treatment for spinal sarcomas** 10' + 2'*Grosman R., Cienciala J.**Ortopedická klinika LF MU a Fakultní nemocnice Brno***Pelvic tumors and their solutions** 10' + 2'*Tomáš T., Pazourek L., Mahdal M.**I. ortopedická klinika Fakultní nemocnice u sv. Anny v Brně a LF MU***Discussions****13.00 – 14.00 Lunch**

**14.00 – 15.30 Section IV.****Surgical treatment - indications and approaches, surgical techniques, en bloc resection, material possibilities of implants****Surgical management of sacral tumors 10' + 2'***Mandat Tomasz, Michalik Radosław**Department of Neurosurgery, National Institute of Oncology Maria Skłodowska- Curie Memorial Center, Warszawa***Radical treatment of sacro-pelvic tumors and possibilities of sufficient reconstruction - the results of 5 year follow up 10' + 2'***Kotrych D.**Chair of Paediatric Orthopaedics and Orthopaedic Oncology Departments, Pomeranian Medical University, Center for Diagnostics***Pathological fracture of L5 with neurological deficits - mini invasive vertebral body reconstruction with prosthesis from posterior approach- case presentation 10' + 2'***Kubaszewski Ł.**Department of Orthopaedics, University Hospital in Poznan***Carbon fibre screws in metastatic disease early experience 10' + 2'***Urbański W.**Department of Neurosurgery, University Hospital in Wrocław***Endoscopic separation and percutaneous carbon screws as the introduction for stereoradiotherapy in spinal mets 10' + 2'***Łątka K., Sobolewski T., Krzeszowiec T., Łątka D.**Department of Neurosurgery, University Hospital in Opole***Rare cases of primary spinal tumor. Surgical management of solitary fibrous tumor and Tenosynovial GTC of lumbar spine 10' + 2'***Pulka Wojciech**Hospital in Elblag, Department of Neurosurgery***Metastatic carcinoma of Th11 vertebrae. 10' + 2'****Partial resection, stabilisation, SBRT.****Unknown primary 6 month after treatment.***Dziok Łukasz, Druszcz Adam, Kwiatkowski Artur**State Hospital in Walbrzych, Department of Radiotherapy and Neurosurgery, State Hospital in Legnica, Department of Neurosurgery and Therapy of Hereditary Tumors Szczecin***15.30 – 15.45 Coffee break****15.45 – 16.45 Section V.****Radiation therapy - types and indications, advances in treatment, changes during treatment****Modern radiotherapy in the treatment of musculoskeletal tumors 10' + 2'***Šlampa P.**Klinika radiační onkologie LF MU a Masarykův onkologický ústav Brno*

**Proton therapy of spinal tumors** 10' + 2'  
*Sláviková S., Ondrová B., Vinakurau Š., Kubeš J., Zámečník L.*  
*Protonové Centrum Praha*

**Cyberknife and spinal tumors** 10' + 2'  
*Cvek J.*  
*Klinika radiační onkologie Fakultní nemocnice Ostrava*

**Stereotactic radiotherapy in the treatment of metastatic spine lesions** 10' + 2'  
*Slávik M., Komínek L., Hynková L., Burkoň P., Kazda T., Šlampa P.*  
*Klinika radiační onkologie LF MU a Masarykův onkologický ústav Brno*

**Palliative radiotherapy in the treatment of spinal metastases** 10' + 2'  
*Hynková I.*  
*Klinika radiační onkologie LF MU a Masarykův onkologický ústav Brno*

**16.45 – 17.00 Coffee break**

**17.00 – 18.00 Section V.**

**Radiation therapy - types and indications, advances in treatment, changes during treatment**

**Modern radiotherapy and its role in spinal tumors management** 15' + 2'  
*Trembecki Ł.*  
*The Lower Silesian Oncology Center in Wrocław, Department of Radiotherapy, Wrocław*

**SBRT of metastatic lesions of the spine - a new standard of pain management in cancer patients?** 10' + 2'  
*Kuncman Ł.*  
*Kopernik State Hospital, Department of Radiotherapy, Łódź*

**Radiotherapy** 10' + 2'  
*Janiszewska M.*  
*The Lower Silesian Oncology Center in Wrocław, Department of Medical Physics*

**Radiotherapy and bone implants** 10' + 2'  
*Procházka T.*  
*Klinika radiační onkologie LF MU a Masarykův onkologický ústav Brno*

**9.00 – 10.40 Section VI.****Systemic treatment and supportive therapy**


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<b>Pathogenesis of bone metastatic disease of the spine</b>	<b>10' + 2'</b>
<i>Holánek M.</i> <i>Masarykův onkologický ústav Brno</i>	
<b>What can be expected from systemic anticancer treatment in the stage of bone metastases - the view of the oncologist</b>	<b>10' + 2'</b>
<i>Brančíková D.</i> <i>Interní hematologická a onkologická klinika LF MU a Fakultní nemocnice Brno</i>	
<b>The role of antineuropathic drugs in pain management in spinal cancer</b>	<b>10' + 2'</b>
<i>Sláma O.</i> <i>Masarykův onkologický ústav, Ambulance paliativní medicíny</i>	
<b>Percutaneous ablation and treatment of pain in patients with spinal cancer</b>	<b>10' + 2'</b>
<i>Křístek J.</i> <i>Oddělení radiologie, Masarykův onkologický ústav</i>	
<b>Skeletal involvement in hematological malignancies</b>	<b>10' + 2'</b>
<i>Pour I.</i> <i>Interní hematologická a onkologická klinika LF MU a Fakultní nemocnice Brno</i>	
<b>Bone metastases in gastrointestinal tumors</b>	<b>10' + 2'</b>
<i>Eid M.</i> <i>Interní hematologická a onkologická klinika LF MU a Fakultní nemocnice Brno</i>	
<b>Submissions/Discussions</b>	
<b>Case presentation</b>	<b>10' + 2'</b>
<i>Vodícar M.</i> <i>Slovenia</i>	
<b>One-year survival following surgical management of spinal metastases</b>	<b>10' + 2'</b>
<i>Bibza M.</i> <i>Slovak Republic</i>	

**10.40 – 11.00 Coffee break****11.00 – 12.30 Section VII.****Multidisciplinary approach / multidisciplinary teams**


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<b>The importance of the spondylooncological committee from the spine surgeon view</b>	<b>8' + 2'</b>
<i>Cienciala J.</i> <i>Ortopedická klinika LF MU a Fakultní nemocnice Brno</i>	
<b>Spondylooncological committee MOU Brno</b>	<b>8' + 2'</b>
<i>Grell P.</i> <i>Klinika komplexní onkologické péče LF MU a Masarykův onkologický ústav</i>	

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<b>The role of a multidisciplinary team in a patient with bone metastases</b> <i>Brančíková D.</i> <i>Interní hematologická a onkologická klinika LF MU a Fakultní nemocnice Brno</i>	<b>8´+2´</b>
<b>Spondylooncological committee FN Motol Praha</b> <i>Štulík J.</i> <i>Klinika spondylochirurgie 1. LF UK a Fakultní nemocnice v Motole</i>	<b>8´+2´</b>
<b>Recommendations and guidelines</b> <i>Guzik G.</i> <i>Polish Spine Society</i>	<b>15´+2´</b>
<b>Spinal Metastases Unit: Hype or Hope?</b> <i>Spátek M.</i> <i>National Institute of Oncology Maria Skłodowska- Curie Memorial Center, Department of Radiotherapy. Warszawa</i>	<b>8´+2´</b>
<b>Interdisciplinary treatment of primary tumors and spinal metastasis-oncological and neurosurgery consensus- Polish Spinal Tumor Working Group Recommendations</b> <i>Trembecki Ł., Harat M., Maciejczyk A.</i> <i>Polish Society of Oncology, Polish Society of Radiation Oncology</i>	<b>15´+2´</b>
<b>Guidelines</b> <i>Suhodolcan L.</i> <i>Slovenia</i>	<b>8´+2´</b>

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