

Spine Expert Group Meeting 2021

PROGRAM



10-11 December 2021
Skopje, North Macedonia

FRIDAY, 10 DECEMBER 2021

MEETING OPENING LECTURE WITH HYBRID PRESENTATION, MODERATION AND DISCUSSION

Aydinli U., Papageorgiou D., Hasani I.

09:20 - 09:35 ***Endoscopic Spine surgery. Is it a trend? Our experience after 400 cases*** (online)
Papageorgiou D.
Euroclinic Group Athens; 251 General Airforce Hospital Athens, Greece

09:35-09:45 **DISCUSSION**

SPINE INJURIES

Kaftandziev I., Aydinli U., Stojkovska-Pemovska E.

09:45 - 10:00 ***The use of standard radiographic parameters in the evaluation of thoracolumbar fractures***
Kaftandziev I.¹, Nikolov Lj.², Spasov M.¹
¹ University Clinic of Traumatology, Skopje, North Macedonia
² Zan Mitrev Clinic, Skopje, North Macedonia

10:00 - 10:15 ***Management of Type A thoracolumbar fractures***
Aydinly U.
Liv Hospital Vadi Istanbul, Turkey

10:15 - 10:30 ***Minimally invasive surgical treatment of vertebral fractures***
Chagatay O.
Liv Spine Center; Liv Hospital Ulus & Vadi, Istanbul, Turkey

10:30 - 10:45 ***Thoracolumbar burst fractures-treatment options***
Stojkovska-Pemovska E., Vejseli V. Emini S., Donevski D., Zdravkovski D., Kerimi Sh., Andonovski A., Krstevski S.
University Clinic of Traumatology, Skopje, North Macedonia

10:45 - 11:00 ***Spinopelvic dissociation in polytrauma patients***
Saveski J., Trajkovska N., Sazdov D., Josheva J., Hadzi Petrusheva Jankijevikj A.
Clinical Hospital Acibadem Sistina, Skopje, North Macedonia

11:00 - 11:15 ***Combined Anterior and posterior surgical stabilization in the treatment of unstable traumatic SCIWORA in a patient with Morbus Bechterew***
Merdzanoski I.
University Clinic of Traumatology, Skopje, North Macedonia

11:15 - 11:30 ***Fragility fracture of the sacrum. Treatment dilemmas***
Dalipi R.¹, Popovska D.¹, Karapandzevska S.¹, Gjorgjieska K.¹, Hasani I.²
¹ University Clinic of Orthopaedics, Skopje, North Macedonia
² University Clinic of Traumatology, Skopje, North Macedonia

11:30-11:45 **DISCUSSION**

SPINE INJURIES AND POLYTRAUMA

Saveski J., Hasani I., Trajkovska N., Pfeifer R. (online)

12:30 - 12:45 ***POLYTRAUMA – Strategy differences in surgical treatment of spinal fractures*****Saveski J.**¹, Trajkovska N.¹, Hasani I.², Karagjozov M.¹, Mihajloski D.¹, Shikov N.¹.¹ Clinical Hospital Acibadem Sistina, Skopje, North Macedonia² University Clinic of Traumatology, Skopje, North Macedonia12:45- 13:00 ***Spinal Injuries in Polytrauma: HOW EARLY IS EARLY*** (online)**Pfeifer R.**

Department of Traumatology, University Hospital Zurich, Switzerland

13:00 - 13:15 ***Polytrauma that includes thoracolumbar spine injury. The everyday challenge when and what to perform in such a sick patient*****Hasani I.**¹, Saveski J.², Trajkovska N.², Stojkovska-Pemovska E.¹, Emini S.¹, Elezi R.¹, Veliu I.³¹ University Clinic of Traumatology, Skopje, North Macedonia² Clinical Hospital Acibadem Sistina, Skopje, North Macedonia³ University Clinic of Orthopaedics, Skopje, North Macedonia13:15 - 13:30 ***Surgery of cervical spine fractures in polytrauma patients*****Trajkovska N.**¹, Saveski J.¹, Hasani I.², Iliev B.¹, Smilevski D.¹, Petrovska M.¹, Josheva J.¹, Hadzi Petrusheva Jankijevikj A.¹, Jovkovski O.¹.¹ Clinical Hospital Acibadem Sistina, Skopje, North Macedonia² University Clinic of Traumatology, Skopje, North Macedonia13:30 - 13:45 **DISCUSSION****CASE DISCUSSION SESSION**13:45 - 13:55 ***Fixation strategy in polytrauma patients with spinal fractures*** (online)**Pfeifer R.**

Department of Traumatology, University Hospital Zurich, Switzerland

13:55 - 14:05 ***Polytrauma with spinopelvic dissociation, occult hypoperfusion – timing???*****Saveski J.**, Trajkovska N., Mihajloski D., Stefanovski I.

Clinical Hospital Acibadem Sistina, Skopje, North Macedonia

14:05 - 14:50 **LUNCH**

DEGENERATIVE SPINE 1

Kovach V., Ćorluka S., NikolovLj., Haritonov D. (online)

- 14:50 - 15:05 *ALMAS, a new strategy in cervical disc arthroplasty*
Kovach V.
"Arithera" Hospital for special diseases, Zagreb, Croatia
- 15:05 - 15:20 *ALIF - Patient selection, radiographic evaluation and treatment option* (online)
Haritonov D.
University Hospital Heart and Brain, Pleven, Bulgaria
- 15:20-15:35 *Microsurgical treatment of lumbar disc herniation*
Lozanche K., Ugrinovski J., Damjanovski S., Agai Lj.
Clinical Hospital Acibadem Sistina, Skopje, North Macedonia
- 15:35 - 15:50 *Decompression alone vs decompression with fusion in degenerative lumbar spondylolisthesis*
Ćorluka S.
Department of Traumatology, Spinal surgery Division; University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia
- 15:50 - 16:05 *Cervical spinal stenosis - Dilemmas in decision for the operative treatment*
Nikolov Lj.¹, Merdzanoski I.², Mladenovski S.¹
¹ Zan Mitrev Clinic, Skopje, North Macedonia
² University Clinic of Traumatology, Skopje, North Macedonia
- 16:05 - 16:20 *Our experience in treatment of lumbar disc disease using minimally invasive microdiscectomy*
Shuntov B., Rendeovski V., Chaparoski A., Filipche V., Mirchevski V., Gavrilovska Dimovska A., Shumkovski R., Kostov M., Zhupanoski A., Elezi F., Kamilovski T.
University Clinic of Neurosurgery, Skopje, North Macedonia

16:20 - 16:35 **DISCUSSION**

16:35 - 16:50 **COFFEE BREAK**

- 16:50 - 17:05 ***Degenerative spondylolisthesis: Different Features and Treatment***
Vengust R.
University Medical Centre – Medical Faculty; University of Ljubljana, Slovenia
- 17:05 - 17:20 ***Minimally invasive circumferential fusion of the lumbar spine***
Kovach V.
"Arithera" Hospital for special diseases, Zagreb, Croatia
- 17:20 - 17:35 ***Operative techniques and clinical experience in treatment of cervical disc disease on two levels in PHI UC for Neurosurgery Skopje***
Rendevski V., Chaparoski A., Filipche V., Mirchevski V., Gavrilovska Dimovska A., Shumkovski R., Kostov M., Zhupanoski A., Elezi F., Kamilovski T., Shuntov B., Bajrami G., Stoev V.
University Clinic of Neurosurgery, Skopje, North Macedonia
- 17:35 - 17:50 ***Decompression and fusion in lumbar spinal stenosis*** (online)
Streзовski V., Michunovikj M., Ivanoski S.
Special Hospital for Orthopaedics and Traumatology "St. Erazmo", Ohrid, North Macedonia
- 17:50 - 18:05 ***The role of caudal epidural steroid injections in the management of lumbar spinal stenosis***
Popovska D.
University Clinic of Orthopaedics, Skopje, North Macedonia
- 18:05 - 18:20 ***Outcome of Sciatica in lumbar disc extrusions*** (online)
Michunovikj M.¹, Miloshevski M.¹, Ivanoski S.¹, Shibakoska A.¹, Sheshoski O.¹, Stevoski A.¹, Michunovikj E.², Dodevski A.³
¹ Special Hospital for Orthopaedics and Traumatology "St. Erazmo", Ohrid, North Macedonia
² General Hospital, Ohrid, North Macedonia
³ Institute of Anatomy, Medical Faculty, Ss. Cyril and Methodius University, Skopje, North Macedonia

18:20 - 18:35 DISCUSSION**CASE DISCUSSION SESSION**

- 18:35 - 18:45 ***Drug associated osteoporosis with multiple thoracolumbar compressive fractures***
Saveski J., Trajkovska N., Mihajloski D., Micevski M.
Clinical Hospital Acibadem Sistina, Skopje, North Macedonia
- 18:45 - 18:55 ***Surgical treatment of high grade dysplastic L5-S1 spondylolisthesis – result after 2 years***
Trajkovska N., Saveski J., Lozanche K., Mihajloski D., Demerdziev M., Dimitrovski I., Hadzi Petrusheva Janakijevikj A.
Clinical Hospital Acibadem Sistina, Skopje, North Macedonia
- 18:55 - 19:05 ***Lumbar spinal instability with spinostenosis. My worst case***
Hasani I., Trpeski S., Vejseli V., Hajdari A., Krstevski S., Velju I.
University Clinic of Traumatology, Skopje, North Macedonia

SATURDAY, 11 DECEMBER 2021

DEFORMITIES OF THE SPINE 1

Aydinli U., Kovach V., Chagatay O., Bernotavichius G. (online)

- 09:00 - 09:15 *Surgical treatment of severe sagittal and coronal deformities of the spine*
Chagatay O.
Liv Spine Center; Liv Hospital Ulus & Vadi, Istanbul, Turkey
- 09:15 - 09:30 *Pediatric spine deformities* (online)
Bernotavichius G.
Vilnius University Hospital Santariskiu Klinikos, Lithuania
- 09:30 - 09:45 *Do we need a combination of anterior and posterior instrumentation in severe scoliosis surgery?*
Kovach V.
"Arithera" Hospital for special diseases, Zagreb, Croatia
- 09:45 - 10:00 *Adolescent Idiopathic Scoliosis. Screw density and correction techniques* (online)
Kapinas A.
St. Luke's Hospital, Thessaloniki, Greece
- 10:00 - 10:15 *Prognostic value of intraoperative monitoring in the Spinal Deformity Surgery*
Joksimovikj B.
PPD Serbia, Belgrade, Serbia

10:15 - 10:35 **COFFEE BREAK**

DEFORMITIES OF THE SPINE 2

Chagatay O., Aydinli U., Popovski N., Samoladas M.E. (online)

- 10:35 - 10:50 *Treatment of AIS with vertebral body tethering*
Aydinli U.
Liv Hospital Vadi Istanbul, Turkey
- 10:50 - 11:05 *Non fusion techniques in Adolescent Idiopathic Scoliosis* (online)
Samoladas M.E.
Aristotle University of Thessaloniki, Greece
- 11:05 - 11:20 *Polyaxial Pedicle Screw Constructs in the Treatment of Adolescent Idiopathic Scoliosis*
Popovski N.
University Clinic of Orthopaedics, Skopje, North Macedonia

11:20 - 11:35 **DISCUSSION**

CASE DISCUSSION SESSION

11:35 - 11:45 ***Congenital scoliosis*** (online)
Bernotavichius G.
Vilnius University Hospital Santariskiu Klinikos, Lithuania

11:45 - 11:55 ***AIS*** (online)
Bernotavichius G.
Vilnius University Hospital Santariskiu Klinikos, Lithuania

11:55 - 12:15 COFFEE BREAK

TUMORS AND INFECTIONS OF THE SPINE

Aydinli U., Saveski J., Paveshikj J., Dokuzovikj S.

12:15 - 12:30 ***Management of primary malign spine and pelvic tumors***
Aydinli U.
Liv Hospital Vadi Istanbul, Turkey

12:30 - 12:45 ***Metastatic Spine Disease – guidelines of treatment and institutional experience***
Paveshikj J.
Department of Traumatology, Spinal surgery Division; University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia

12:45 - 13:00 ***Spondilodiscitis during the era of COVID 19***
Dokuzovikj S.
Department of Traumatology, Spinal surgery Division; University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia

13:00 - 13:15 ***Partial and total sacrectomy. Our first seven reports and literature review***
Hasani I.¹, Selmani R.², Rushiti K.², Gramatnikovski N.³, Jahja D.⁴, Dalipi R.⁴
¹ University Clinic of Traumatology, Skopje, North Macedonia
² University Clinic of Abdominal Surgery, Skopje, North Macedonia
³ University Clinic of Thoracovascular surgery, Skopje, North Macedonia
⁴ University Clinic of Orthopaedics, Skopje, North Macedonia

13:15 - 13:30 ***Giant cell tumor of the lumbar spine – one case report***
Vranishkovski T.¹, Ciriviri J.¹, Kostov H.¹, Talevski D.¹, Lazarevski P.¹, Noveska-Petroska B.², Stojanoski S.³
¹ Department of Orthopaedics and Traumatology; CGH "8 Septemvri" Skopje, North Macedonia
² Department of Histopatology; CGH "8 Septemvri" Skopje, North Macedonia
³ Institute of Pathophysiology and Nuclear Medicine Skopje, North Macedonia

13:30 - 13:45 ***Percutaneous CT guided thermal ablation of spinal tumours*** (online)
Novosel L.
Department of Diagnostic and Interventional Radiology; University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia

CASE DISCUSSION SESSION

14:00 - 14:10

Misdiagnosed thoracic plasmacytoma with neurological deficit**Trajkovska N.**, Saveski J., Netkov S., Chukalevski P., Jashar Dz.

Clinical Hospital Acibadem Sistina, Skopje, North Macedonia

14:10 - 14:20

Thoracolumbar chordoma**Saveski J.**, Trajkovska N., Netkov S., Velkovski B., Filipovski V.

Clinical Hospital Acibadem Sistina, Skopje, North Macedonia

14:20 - 14:30

Thoracolumbar spondylodiscitis with spinal cord compression**Trajkovska N.**, Saveski J., Chapova M., GeorgievskaChakar N.

Clinical Hospital Acibadem Sistina, Skopje, North Macedonia

14:30 - 14:40

En Block lumbar spondylectomy. Indication dilemmas, possible techniques - case report**Hasani I.**¹, Arsovski O.¹, Vejseli V.¹, Elezi R.¹, Hajdari A.¹, Krstevski S.¹,
Karapandzevska S.², Gjorgjieska K.²¹University Clinic of Traumatology, Skopje, North Macedonia²University Clinic of Orthopaedics, Skopje, North Macedonia