

EMSOS



European Musculo-Skeletal Oncology Society

33rd Annual Meeting 01-03 Dec, 2021 Graz, Austria

21st EMSOS Nurse and Allied Professions
Group Meeting

Preliminary Programme



www.emsos2021.org

33rd Annual Meeting of European Musculo-Skeletal Oncology Society

21st EMSOS Nurse and Allied Professions Group Meeting



Location: Messecongress Graz, Austria
Date: 01 - 03 Dec 2021
Registration: <http://www.emsos2021.org/Registration/>
Homepage: www.emsos2021.org

Preliminary Programme

Wednesday, 01 Dec 2021

09:00 - 10:30 a.m.

News in Pathology: The role of pathology in the era of next generation sequencing

Moderator: Baumhoer & Forsyth

09:00 - 09:15	The role of molecular diagnostics (FISH/NGS) in the diagnosis of "Vascular soft tissue and bone tumors" Wardelmann
09:15-09:30	The morphologic spectrum of NTRK fusion tumors in soft tissue - molecular testing needed? Liegl-Atzwanger
09:30-09:45	Chordoma – What's new in the classification - poorly and dedifferentiated Flanagan
09:45-10:00	The role of NGS in osteosarcoma Baumhoer
10:00-10:15	What's new in the classification of cartilaginous tumors? Bovee
10:15-10:30	Giant cell Tumor of bone - treatment changes and molecular testing Hartmann

10:30-11:00 Coffee break
Poster walk & exhibition

11:00 a.m. - 12:30 p.m.

What's new in the systemic treatment of soft tissue sarcomas?

Moderator: Szkandera & Brunello

11:00-11:15	Targeted therapy in soft tissue sarcoma Stacchiotti
11:15-11:30	Best treatment options for desmoid tumors Kasper

11:30-11:45	The EU initiatives: EURACAN and the European Reference Networks Frezza
11:45-12:15	Battle: Soft tissue sarcomas – should apps tell us what to do? Van de Sande vs. (yes) Reichardt (no)
12:15-12:18	Efficacy and safety of Trabectedin for patients with unresectable and relapsed soft tissue sarcoma in Japan: A Japanese Musculoskeletal Oncology Group (JMOG) Study Kobayashi
12:18-12:21	Prognostic factors and therapies in 330 patients with localized synovial sarcoma. A report of the European Cooperative Weichteilsarkomstudiengruppe CWS Scheer
12:21-12:24	Which patients with pre-treated locally advanced or metastatic sarcoma benefit most from trabectedin treatment? First results from a retrospective study of the German Interdisciplinary Sarcoma Group (GISG-14 ReTraSarc) Andreou
12:24-12:30	discussion

12:30 - 13:30 **Lunch**

13:30 - 14:30 **Lunch symposium**

14:30 - 15:30 p.m.

Pelvic surgery

Moderator: Ruggieri & Streitbürger

14:30-14:45	Navigation Jeys
14:45-15:00	Reconstruction after pelvic resection: Why I do not close the pelvis Ruggieri
15:00-15:15	Pelvic reconstruction: When I choose to close the pelvic ring Kotrych
15:15-15:18	Walking balance and compensatory gait mechanisms in surgically treated patients for pelvic musculoskeletal tumours – A presentation of preliminary findings Furtado
15:18-15:21	Percutaneous stabilization of symptomatic sacral and acetabular column metastatic lesions with photodynamic nails Lozano-Calderon
15:21-15:24	Surgical management of sacral chordoma Musaev
15:24-15:30	discussion

15:30-16:00 Coffee break
Poster walk & exhibition

16:00 - 17:30 p.m.

Infected Megaprosthesis: Treatment & Prevention**Moderator: Donati & Glehr****16:00-16:03****Friesenbichler****16:03-16:06**

Silver coated (PorAg®) endoprosthesis can be protective against reinfection in the treatment of tumour prostheses infection

Sambri**16:06-16:09**

Retrospective evaluation of silver-coated tumour prostheses in complex joint infection with major bone destruction: about 24 cases with 46 months follow up.

Fiorenza**16:09-16:15****discussion****16:15-16:45**

Battle: Silver coating: Risk or reason?

Hardes (reason) vs. **Windhager** (risk)**16:45-16:48**

Por-Ag silver coated mega-prosthesis in non-oncological patients: a retrospective analysis

Sacchetti**16:48-16:51**

A new antibiotic prophylaxis approach can decrease infection rate and morbidity. Results from a prospective study

Boffano**16:51-16:54**

Does the duration of primary and first revision surgery influence the probability of first and subsequent megaprosthetic failures after extremity sarcoma resection

Theil**16:54-17:00****discussion****17:00-17:30**

Battle: Infected (Mega-)Prostheses – one-stage vs. two-stage revision

Glehr (one-stage) vs. **Lehner** (two-stage)

17:30 - 18:30 p.m.

EMSOS lecture**Moderator & Introduction: Scheipl****17:30-18:30**

The role of next generation sequencing in modern pathology and its impact on the current WHO classification of bone and soft tissue tumors

Flanagan

18:00- 19:00 p.m.

EMSOS General assembly

Free topics:
Flash session 1: Benign soft tissue tumors

Moderator: Mavrogenis & Kollender	
09:00 - 09:15	Introductory lecture: diffuse giant cell tumour of tendon sheath: what's new? Mastboom
09:15-09:18	Clinicians' adherence to practice guidelines for soft tissue sarcoma analyzed with quality indicator Iwata
09:18-09:21	Prognoses of superficial soft tissue sarcoma: The importance of fascia-tumor relationship on MRI Han
09:21-09:24	What is the role of arthroscopy in PVNS? A consecutive series of 53 patients treated for PVNS of the knee Benevenia
09:24-09:27	Upfront surgery is not advantageous compared to more conservative treatments such as observation or medical treatment for patients with desmoid tumors Kawai
09:27-09:30	The role of denosumab in the management of unresectable Giant Cell Tumour of Bone(GCTB): A systematic review with an illustrative case report Fahy
09:30-09:40	<i>discussion</i>
09:40-09:43	Surgical management of 244 TGCT patients in a single institution: a 20-year cohort study Spierenburg
09:43-09:46	Tenosynovial giant cell tumor in the foot and ankle (26 cases with the mean 73 months follow-up period) Cevik
09:46-09:49	Lipoma Arborescens of the upper limb: A systematic review. Kalifis
09:49-09:52	Safety and preliminary efficacy of vimseltinib in tenosynovial giant cell tumor (TGCT) Hogan
09:52-09:55	Large desmoid-type fibromatosis of the shoulder girdle: operative approach selection and clinic outcome Tang
09:55-10:05	<i>discussion</i>
10:05-10:08	Prognosis and clinical outcomes of extra-thoracic solitary fibrous tumours Shah
10:08-10:11	FAP-related desmoid tumors treated with low-dose chemotherapy: results from an international, multi-institutional, retrospective analysis Napolitano
10:11-10:14	Personalized treatment for patients with extra-abdominal desmoid Nishida
10:14-10:17	Clinical features of angiofibroma of soft tissue: A review of 4 cases Mizuma
10:17-10:20	Neurologic deficits after surgical enucleation of schwannomas Chung
10:20-10:30	<i>discussion</i>

10:30-11:00 **Coffee break**
Posterwalk & exhibition

11:00 a.m. - 12:30 p.m.

Free topics:
Flash session 2: Bone reconstruction

Moderator: Angelini & Yalcinkaya

11:00-11:03 Outcomes following endoprosthetic replacement with cemented stems for proximal tibia tumors
Chalopin

11:03-11:06 Usage of absorbable attachment tubes in megaendoprosthetic reconstructions – a proof of principle
Scheidt

11:06-11:09 Computed tomography-guided navigation versus computer navigation-assisted surgery in the resection of musculoskeletal tumors
Funovics

11:09-11:11 The outcome of Joint Sparing Endoprosthesis (JSE) as a reconstructive modality after resection of juxta articular bone sarcoma
Shehadeh

11:11-11:15 Intra-articular soft-tissue sarcoma of the knee — is extra-articular resection and tumor endoprosthetic reconstruction the solution? A retrospective report on eight cases
Nottrott

11:15-11:25 *discussion*

11:25-11:28 Biomechanical comparison of bone recycling methods in biological reconstructions
Aycan

11:28-11:31 Bayley Walker proximal humeral reconstruction – The Stanmore experience
Aston

11:31-11:34 Three-dimensional-printed customized prosthesis for pubic defect: clinical outcomes in 5 cases with 1-year follow-up
Min

11:34-11:37 Reconstruction with scapular hemiarthroplasty endoprosthesis after scapulectomy for malignant tumor: operative approach selection and mid-term outcomes
Min

11:37-11:40 Multidisciplinary approach in musculoskeletal oncology: collaboration between vascular and orthopedic surgeon in complex cases
Ruggieri

11:40-11:50 *discussion*

11:50-11:53 Extra corporeal irradiated tumor bone as a method of biological reconstruction in limb salvage surgery: A retrospective analysis
Paul

11:53-11:56 Long term outcomes in distal femoral replacement for tumors
Tayara

11:56-11:59 Vascularized bone graft reconstruction following bone tumor resection: An outcome analysis of a multidisciplinary center for bone and soft tissue sarcoma
Gorski

11:59-12:02 Titanium custom-made implants as novel approach to reconstructive surgery after oncologic resection in pediatric patients
Ristori

12:02-12:05	Customized jigs in joint sparing resection and massive allograft reconstruction Scorianz
12:05-12:15	discussion
12:15-12:18	Double level bone transport for malignant bone tumor reconstruction Massler
12:18-12:21	Juxta-articular distal femur resection sparing knee joint with custom made surgical guide Spazzoli
12:21-12:24	Preliminary results of two stage intercalary diaphysis bone loss reconstruction combining Capanna technique and Masquelet induced membrane: the "Ca-pasquelet" Technique Crenn
12:24-12:30	discussion

12:30 - 13:30	Lunch
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13:30 - 14:30 p.m.

Pediatric sarcomas	
	Moderator: Urban & Dirksen
13:30-13:45	Epigenetic data on Ewing sarcomas Tomazou
13:45-14:00	The role of pathology in the diagnosis of round blue cell tumours Liegl-Atzwanger
14:00-14:30	Battle: Immunotherapy for bone sarcomas Bielack (contra) vs. Palmerini (pro)

14:30 - 15:30 p.m.

Free topics: Flash session 3: Pediatric sarcomas	
	Moderator: Bramer & Erol
14:30-14:40	Introductory lecture: bone sarcomas: important publications 2020/2021 Funovics
14:40-14:43	10 years experience with the Xpand non-invasive expandable prosthesis Gortzak
14:43-14:46	Epiphysis sparing surgery is a safe and effective treatment for tumors of the distal tibia Sambri
14:46-14:49	Limb salvage and complication management after (sub-)total humerus resection in sarcoma patients during early infancy Röder
14:49-14:52	Is magnetic intramedullary nail suitable for treating lower limb length discrepancy in patients after bone tumor? Cevolani
14:52-14:55	Bone union in frozen autograft and free vascularized fibula combination after intercalary resections in skeletally immature patients Aycan
14:55-15:05	discussion

15:05-15:08	Complications of limb salvage surgery in childhood tumors and recommended solutions Sungur
15:08-15:11	Telescope allograft augmentation technique for a short residual proximal femur in megaprosthesis in children Staals
15:11-15:14	Physeal distraction before excision of metaphyseal malignant bone tumors in children Velez
15:14-15:17	Growth disturbance in the tibia after expandable distal femur reconstruction in skeletal immature patients Shehadeh
15:17-15:20	Endoprosthetic replacement of growing patients with bone sarcoma De Vaal
15:20-15:30	discussion

15:30-16:00 **Coffee break**
Poster walk & exhibition

16:00 - 17:30 p.m.

Free topics:
Flash session 4: Pevis and spine

Moderator: Özger & Vyrva

16:00-16:03	Surgical treatment scenario for osteoblastoma of the pelvis: Long-term follow-up results Fiore
16:03-16:06	Microbiologic profile and risk factors for infection after oncologic sacral resections Karim
16:06-16:09	Hemipelvectomy with iliosacral resection in patients with sarcoma – clinical outcome and evaluation of a novel classification system Theil
16:09-16:12	Clinical evaluation of lower abdominal aorta balloon long time occlusion in pelvic and sacral tumors resection Luo
16:12-16:15	Reconstruction methods following pelvic resection: A systematic review of options Benevenia
16:15-16:25	discussion
16:25-16:28	Complications after pelvic reconstruction: allograft vs custom-made prosthesis Shytaj
16:28-16:31	Risk factor analysis of surgical site infection after resection of primary pelvic bone malignancy Varenne
16:31-16:34	Functional ambulation and pain outcomes of same-day percutaneous ablation-osteoplasty-reinforcement-internal fixation (AORIF) reconstruction of massive periacetabular osteolytic defects and pathological fractures Lee
16:34-16:37	New technique of Allograft reconstruction following the acetabulum tumor pelvic resection Vyrva
16:37-16:40	The research of biomechanical stability of pelvis after subdivided sacrectomy Luo

16:40-16:50	discussion
16:50-16:53	Minimally invasive tumor decompression with transpedicular intra-lesional re-section on lumbosacral spine metastasis Anazawa
16:53-16:56	Pelvic ring reconstruction with the non vascularized fibular free graft following internal hemipelvectomy Akiyama
16:56-16:59	Surgical options and outcomes for pelvic bone metastasis Duan
16:59-17:02	EDoes navigation assisted tumour surgery improve margins in pelvic chondrosarcomas ? Kurisunkal
17:02-17:05	Treatment of high-risk localization spine bone tumors: evoked potentials expand the border of percutaneous thermal ablation Auloge
17:05-17:15	discussion
17:15-17:18	Infection and wound complications in sacrectomies – the Stanmore experience Thoma
17:18-17:21	Improved virtual surgical planning with 3D-multimodality image for malignant giant pelvic tumors Duan
17:21-17:24	Chondrosarcoma of the Pelvis: surgical management options and outcomes of 41 cases Duan
17:24-17:30	discussion

09:00 - 10:30 a.m.

Free topics: Flash session 5: Benign bone tumours

Moderator: Steadman & Hillmann

09:00 -09:03	Surgical management of giant cell tumor of bone with pathological fracture and complications Wang
09:03-09:06	Do axial giant cell tumours have a worse outcome than those in the extremities Bollmann
09:06-09:09	Chronic recurrent multifocal osteomyelitis; a diagnostic challenge for orthopaedic surgeon. A multidisciplinary experience of 22 pediatric cases with a mean follow-up of 27 months Okay
09:09-09:12	Functional outcome of giant cell tumor of distal radius treated with ulnar translocation and wrist arthrodesis Amorim-Barbosa
09:12-09:15	Giant cell tumor of bone of the distal radius – Clinical outcomes after intralesional surgery Van Der Heijden
09:15-09:25	discussion
09:25-09:28	Total hip arthroplasty in Hereditary Multiple Exostosis patients: Literature review and evaluation of 10 cases Ostetto

09:28-09:31	Secondary malignancy in giant cell tumor of bone: a single-center study Joo
09:31-09:34	Chondroblastoma in the extremities: a single-center Experience Joo
09:34-09:37	The effects of surgical treatment with chondroblastoma in children and adolescents in open epiphyseal plate of long bones Duan
09:37-09:40	Clinico-pathological analysis, recurrence and surgical rtreatment in a single series of 58 chondroblastomas Innocenti
09:40-09:50	<i>discussion</i>
09:50-09:53	Chondroblastomas in children and adolescents: Revision of 54 cases Brunet
09:53-09:56	Results in the surgical treatment of aneurysmal bone cysts – a retrospective data analysis Döring
09:56-09:59	Bone marrow concentrate use in the treatment of bone cysts Shytaj
09:59-10:02	Cryoablation for advanced and refractory desmoid tumors: a promising treatment? Auloge
10:02-10:05	Outcomes of wrist reconstruction after wide resection distal radius with biologic reconstruction by various techniques: What is the best? Sukanthanak
10:05-10:15	<i>discussion</i>
10:15-10:18	Is extensive surgery essential for osteofibrous dysplasia? Joo
10:18-10:21	Ischiopubic synchondrosis – Diagnosis and treatment of a challenging tumor orthopaedic differential diagnosis Schneider
10:21-10:24	Evaluation of effectiveness and safety of microwave ablation as a minimally invasive treatment alternative for long bone tumors Nijland
10:24-10:30	<i>discussion</i>

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10:30-11:00	Coffee break Poster walk & exhibition
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11:00 a.m. - 12:30 p.m.

Free topics: Flash Session 6: Soft tissue sarcomas 1

Moderator: Jost

11:00-11:03	Combined treatment with pazopanib and paclitaxel is active in superficial angio-sarcoma but not in hepatic/visceral angiosarcoma- Results of a phase II trial of the German Interdisciplinary Sarcoma Group (GISG-06 EVA) Andreou
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11:03-11:06	The impact of surgical procedures on the outcome after resection of soft tissue sarcoma Funovics
11:06-11:09	Complex surgical reconstruction after soft tissue sarcomas resection in children under 10 years: a 20-years' experience of a single center Ristori
11:09-11:12	Unplanned excision of soft tissue sarcomas: a systematic review Sacchetti
11:12-11:15	Management of large volume liposarcomas encasing the sciatic nerve Williams
11:15-11:25	discussion
11:25-11:28	The impact of margin status on oncological outcome in patients who underwent wide excision for extremity soft tissue sarcoma : An experience from a tertiary cancer center in India Paul
11:28-11:31	Predictors of high vs low intensity surveillance after soft-tissue sarcoma surgery: A 23-year population-based cohort study in Ontario, Canada Bozzo
11:31-11:34	Experience of interstitial permanent i(125) brachytherapy for extremity soft tissue sarcomas Duan
11:34-11:37	Intraoperative Brachytherapy using flab technique in the treatment of soft tissue sarcomas - mean follow up of 5 years Dammerer
11:37-11:40	Prediction of effectiveness of preoperative radiotherapy in soft tissue sarcoma and impact on prognosis Yoshida
11:40-11:50	discussion
11:50-11:53	Hindquarter amputation and wound complication rates: a single centre experience Thoma
11:53-11:56	High efficacy for TNF-Melphalan based isolated limb perfusion in the treatment of locally recurrent high-grade soft tissue sarcoma Podleksa
11:56-11:59	Clear-cell sarcoma of tendon-sheaths, aponeuroses and fasciae - An EMSOS-wide retrospective international multi-centre study Bruns
11:59-12:02	Myxofibrosarcoma: a strategy to achieve consistently wide margins for better local control Spazzoli
12:02-12:05	Planned plastic reconstruction after resection improves the oncological outcomes of appendicular soft tissue sarcomas Di Bella
12:05-12:15	discussion
12:15-12:18	Survival differences for rural and low-income soft tissue sarcoma patients in a country with universal healthcare – A 23-year population-based study Bozzo
12:18-12:21	Similar local recurrence rate but worse survival in primary, localized grade 3 myxofibrosarcoma of the extremities Sambri
12:21-12:24	Prognostic factors for post-progression survival after trabectedin treatment in patients with advanced soft tissue sarcoma Iwata
12:24-12:30	discussion

12:30-13:30 Lunch

12:30 - 14:30 p.m.

EMSOS board meeting

14:30 - 15:30 p.m.

Liquid biopsy

Moderator: Heitzer & Braig

14:30-14:45	Current and future perspectives of liquid biopsies in genomics-driven oncology Heitzer
14:45-14:55	Gene expression profiles correlating with tumor inflammatory response in myxoid liposarcomas, synovial sarcomas and myxofibrosarcomas Goetz
14:55-15:05	Targeting mutant TP53 as a potential therapeutic strategy for the treatment of osteosarcoma Tang
15:05-15:15	Aneuploidy and aneuploidy circulating tumor cells in soft-tissue sarcoma patients Napolitano
15:15-15:30	Liquid biopsy in myxoid liposarcomas Braig

15:30-16:00 Coffee break
Poster walk & exhibition

16:00 - 17:30 p.m.

Basic sarcoma research: new mouse models, in vitro 3 D sarcoma models

Moderator: Rinner & Banito

16:00-16:15	Systematic Review of the current status of human sarcoma cell lines Kondo
16:15-16:30	Patient-derived xenografts to model rare soft tissue sarcomas and design new therapeutic approaches Zaffaroni
16:30-16:45	Epigenetic heterogeneity and tumor evolution in Ewing sarcoma Tomazou
16:45-17:00	Genetic and epigenetic mechanism of sarcoma development Banito
17:00-17:15	Germline and somatic genetics in Ewing sarcoma Grünwald
17:15-17:30	Multi-omics characterization of sarcoma for precision medicine Chudasama

09:00 - 10:30 a.m.

Nursing, nutritional aspects and pain management**Moderator: Leyerzapf**

09:00-09:10	AYA's with recurrent bone and soft tissue sarcoma's, three patients with a characteristic clinical course Leyerzapf
09:10-09:20	Caring for patients with primary malignant bone and soft tissue tumours - a qualitative survey of their need during and after inpatient treatment Hacker
09:20-09:30	Thiamine deficiency among sarcoma patients Imanishi
09:30-09:40	Nutritional implications for postsurgical woundhealing Prisching
09:40-09:50	The fatigue in patients with bone tumor evaluated during and after chemotherapy treatment: an observational study Coluccino
09:50-10:20	Pain management in patients suffering from Musculo-Skeletal Neoplasms – a multidisciplinary approach from the viewpoint of a palliative care unit Hofmann
10:20-10:30	Palliative home care of a 16-year-old patient with polytopic osseous metastases of Ewing (ES) sarcoma and severe neuropathic pain Ott

10:30-11:00 Coffee break
Poster walk & exhibition

11:00 a.m. - 12:30 p.m.

Communicational skills & shared decision making in oncological cases**Moderator: Fraberger & Trost**

11:00-11:30	Improving communication skills between health professionals and people with cancer Fraberger
11:30-11:40	Is the fairy tale a useful tool to support the children with bone tumors during the chemotherapy treatment? A pilot study Coluccino
11:40-11:50	Implementation shared decision making in malignant bone cancer surgery Bekkering
11:50-12:00	
12:00-12:30	Round table: SDM how far is it possible?

10:30-11:00 **Lunch**

13:30 - 15:30 p.m.

Physiotherapy in musculo-skeletal oncology

Moderator: Bekkering

13:30–13:40	The physiotherapy assessment and treatment for the child with tumour: Consensus conference Venurini
13:40-13:50	Early physiotherapeutic rehabilitation of children and young adults with bone cancer of the lower extremities Steinbauer
13:50-14:00	Functional results after bone sarcomas – should we allow sports? Hobusch
14:00 -14:10	Prevalence and risk factors for falls in patients treated for lower extremity sarcoma Furtado
14:10-14:20	Interdisciplinary rehabilitative issues after bone and soft tissue tumor resection Nimmervoll
14:20-14:30	Rotationsplasty as a surgical option in lower extremity bone tumours Bekkering
14:30-14:40	Rotationsplasty in cancer patients: what is the rehab strategy? Cotti, Rizzoli
14:40-14:50	Physical function is reduced and associated to quality of life after limb-sparing surgery due to bone sarcoma Fernandes
14:50-15:00	Feasibility of using the patient specific functional score to guide inpatient rehabilitation after surgery for musculoskeletal tumours Furtado
15:00-15:10	Can holistic personalized models of rehabilitation improve survivorship outcomes after treatment for lower extremity sarcomas? A preliminary efficacy study Furtado
15:10-15:20	Service evaluation of adult orthopaedic oncology inpatient rehabilitation programme Furtado
15:20-15:30	Energy cost and gait biometrics after rotationplasty Krebbekx

15:30-16:00 Coffee break
Poster walk & exhibition

16:00 - 17:30 p.m.

Surgical nursing & postsurgical treatment

Moderator: Fink

16:00-16:10	Postoperative complications and functional outcomes of reconstructions following pelvic resections: Single center experience Aycan
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16:10-16:20	Does chemotherapy treatment affect families/work/school and social relations for patients with bone tumours? An observational study Brruku
16:20-16:30	Challenges in the orthopedic nursing of tumor patients receiving a tumor prosthesis in the lower extremities Yilmaz
16:30-16:40	Perioperative nursing of sacrum tumor patients based on enhanced recovery after surgery Ning
16:40-16:50	Effect of surgical nursing of accelerated rehabilitation on the function and complications of shoulder joint arthroplasty for proximal humeral tumor Huang
16:50-17:00	Enhanced recovery after surgery in combined hemipelvic prosthesis replacement: clinical practice in the treatment of pelvis tumors Chen

Posterwalk 1

Time: 10:30 - 11:00 a.m.

Bone sarcoma 1

- ID 168 Four case-reports of pathological fractures in patients with osteosarcoma treated with limb salvage
Carrapatoso
- ID 360 Characteristics and prognosis of pelvic Ewing sarcoma: a SEER population-based study
Long
- ID 335 Treatment of chondrosarcoma. Prognostic factors and treatment options based on patients' age, localization, size and grade of tumor in a review of 45 cases
Ruckenstuhl
- ID 147 A retrospective European Musculoskeletal Oncology Society (EMSOS) study of second primary osteosarcoma after retinoblastoma
Asaftei
- ID 115 Characteristics and treatment result of malignant bone tumors in the proximal femur
Nakada
- ID 370 Osteosarcoma in pediatric population- a single center experience
Bonevski
- ID 248 Does surgical margin effect the survival rate of osteosarcoma?
Dabak N
- ID 504 Evaluation of C-reactive protein levels for prognosis assessment in bone and soft tis-sue tumors - a 13 years retrospective single center study
Consalvo
- ID 507 Interventional procedures in the treatment of bone and soft tissue tumors: a pictorial re-view
Softic
- ID 514 Review of treatment results of bone sarcomas in the department of Orthopedics and Traumatology of Lithuanian Health Science University's Kaunas Clinic's in 2002-2020
Markeviciute
- ID 533 Treatment of local recurrence of osteosarcoma in children
Kobys

Interesting cases 1

- ID 7 An unusual tumour in the thigh: Semimembranosus Calcific Tendonitis
Turkmen
- ID 49 Secondary superficial high-grade chondrosarcoma of the clavicle: A case report
Takenoshita
- ID 40 Rhabdomyosarcoma with Fukuyama congenital muscular dystrophy: A case report
Hagiwara
- ID 9 Peroneal palsy due to intraneural ganglion
Kemah
- ID 119 Histiocytic sarcoma arising in a femur with a long-standing chronic osteomyelitis.
Medellin Rincon
- ID 113 Unusual case of bilateral lipoma arborescens with intraarticular abnormalities
Özkan
- ID 111 Brown-Séquard syndrome by dorsal hemangioma of aggressive behavior
Amorim-Barbosa
- ID 93 Mass lesions leading to carpal tunnel syndrome
Koraman

Pathology, diagnosis & rare lesions

- ID 127 The value of X-ray, CT-scan, and MRI imaging to determine the malignancy status of a bone lesion: analysis of the results of an online quiz
Gaume
- ID 186 Malignant myoepithelioma of bone and soft tissue
Longhi
- ID 92 A report of two cases of lipoblastoma in children
Koraman
- ID 110 Tibial PEComa - An extremely rare case report
Amorim-Barbosa
- ID 8 Rosai-Dorfman disease with bone involvement in children
Ozkan
- ID 34 Bone adamantinoma cases
Protsenko
- ID 55 Core needle biopsy for myxoid soft tissue tumors: a diagnostic challenge?
Han
- ID 218 Image-guided percutaneous biopsy for the diagnosis of musculoskeletal tumors
Ruggieri
- ID 102 Two case of chondroid syringoma of extremities
Ozkan

Pelvis & sacrum

- ID 154 Hemi-vertebrectomy of L5 in grade 2 Chondrosarcoma: is a single posterior approach with no nerve root sacrifice possible? A case report
Colangeli
- ID 308 Is There Still a role For Abdominal Inter-Ileum Amputation In Orthopedic Surgery?
Andreani

- ID 230 Off the rack reconstruction solution with tmars for periacetabular pelvic resections – an experience of 20 cases at a high volume referral centre
Siddiqi
- ID 99 Management and retrospective analysis of pelvic Ramus tumors and tumor like lesions : Evaluation with 31 cases
Öztürk
- ID 354 3D-multimodality imaging technique facilitates oncological resection of periacetabular malignancies
Duan
- ID 161 Custom-made pelvic prosthesis, fixed to the sacrum, after internal hemipelvectomy as a limb-salvaging alternative
Pereira
- ID 129 LUMIC solutions in periacetabular pelvic reconstruction problems
Aycan
- ID 374 What are the short-term outcome of three-dimensional-printed custom-made integrative hemipelvic prosthesis in patients with primary malignancies involving acetabulum?
Min
- ID 105 Sciatica due to mass lesions
Koraman
- ID 376 Pelvic resection in children and adolescents with Ewing sarcoma
Bolshakov
- ID 281 3-years follow up results after reconstruction of the pelvic ring by the metal-polymer endoprosthesis after I-III types internal hemipelvectomy
Diedkov

Metastatic disease

- ID 192 Prognostic factors in metastatic bone disease in the Spine
Alfaro
- ID 162 Evaluation of bone union after internal fixation in long bone pathological fractures
Özkan
- ID 215 Curative intent treatment in oligometastatic bone disease: A case report
Paul
- ID 38 Treatment of carcinoma bone metastases using the O-ARM navigation system
Nicolosi
- ID 24 Ankle stabilization after distal fibular resection due to a metastatic lesion
Bostan
- ID 160 Multifocal leiomyosarcoma of the thigh. A case report
Serban
- ID 23 Extra-nodal lymphoma: Master of disguise
Chan
- ID 156 Effectiveness of cyber knife for oligometastatic lung lesions of musculoskeletal sarcoma
Yasuda
- ID 495 Surgical treatment of impending fractures significantly improves the survival and quality of life of patients with bone metastases from carcinoma
Nicolosi

Posterwalk 2

Time: 15:30 - 16:00 p.m.

Soft tissue sarcoma 1

- ID 501 Despite education orthopaedic surgeons still perform unplanned resections
Belzarena
- ID 524 Effect of negative pressure wound therapy after surgical removal of deep-seated high-malignant soft tissue sarcomas of the extremities and trunk wall – study protocol for a randomized controlled trial
Yilmaz
- ID 538 Risk factor related to local recurrence of myxofibrosarcoma and undifferentiated pleo-morphic sarcoma by the adjacent tissue of the primary lesion
Suzuki
- ID 440 Tumor bed complications in patients with soft tissue sarcomas of the extremities and the superficial trunk treated with surgery and Perioperative High Dose Rate Brachy-therapy (PHDRB): clinical and dosimetric analysis
Gomez
- ID 548 Predictive and prognostic factors in synovial sarcoma: retrospective study of 130 cases
Mani
- ID 515 Intraoperative radiotherapy in soft tissue sarcomas. Assessment and monitoring of a historic series
Perez-Munoz
- ID 529 BCOR expression in synovial sarcoma predicts improved disease-free and overall survival
Chebib
- ID 555 Definition of the surgical case complexity in the treatment of soft tissue tumors of the extremities and trunk
Fuchs
- ID 290 Treatment of NTRK fusion-positive infantile fibrosarcomas with NTRK-inhibitors in two female patients
Tesch
- ID 498 Development of a scoring system combined clinical, radiological, and histopathological examinations for differential diagnosis between lipoma and atypical lipomatous tumor/well-differentiated liposarcoma
Asano
- ID 554 What are preoperative risk factors for fibrosarcomatous transformation in Dermatofibrosarcoma Protuberans (DFSP)
Houdek

Bone sarcoma 2

- ID 442 Reconstruction of resected calcaneus due to osteosarcoma with a free osteocutaneous fibular flap: Case report
Mercun
- ID 448 Efficacy and safety of microsurgery in sarcoma affecting the bone
Kiefer
- ID 513 Ollier disease: Two case reports
Markeviciute
- ID 167 Does bone grafting reduce fracture risk after curettage of atypical cartilaginous tumors?
Janssen
- ID 6 Histological, epidemiological and anatomical analysis of 55 bone tumors of the fibula
Cevik
- ID 463 Curettage versus resection surgery in grade 1 chondrosarcomas
Miranda

- ID 553 The usefulness of extracorporeal circulation in popliteal-based free fillet lower leg mus-culo-cutaneous flap after hemipelvectomy
Andreani
- ID 520 Does bone grafting reduce fracture risk after curettage of atypical cartilaginous tumors?
Krebbekx
- ID 474 Resection and reconstruction navigated with custom implant a chondrosarcoma of the pelvis. Report of a case
Salgado

Interesting cases 2

- ID 550 Tenosynovial giant cell tumor of the knee joint - Rapid progression in diffuse subtype - A case report
Mandl
- ID 423 Melorheostosis – A potential diagnostic pitfall mimicking malignant lesion
Kaufmann-Bühler
- ID 451 Custom-made endoprosthetic replacement of the distal ulna after resection of giant cell tumor of bone: a case-report
Engel
- ID 549 Dedifferentiated chondrosarcoma of the ring finger: a case report of an exceptional surgical treatment and review of literature
Mani
- ID 447 Treatment options for aneurysmal bone cyst of the foot: a series of 10 cases
Deventer
- ID 429 Osteofibrous dysplasia-like Adamantinoma of the tibia progressing into Adamantinoma after 36 years. Considerations regarding the management between careful observation and early aggressive therapy
Exner
- ID 443 Ewing sarcoma of third metacarpal bone with synchronous metastases
Okay
- ID 530 Ankle arthrodesis nail combined with locking compression plate to stabilize two-level pathologic tibial fractures caused by multiple myeloma
Exner
- ID 480 Rapidly acquired valgus deformity after resection of osteochondroma: A report of two cases
Belzarena

New techniques

- ID 491 Artificial muscle: are we there yet?
Bruschi
- ID 542 A hollow, custom-made prosthesis combined with a vascularized flap and bone graft for skeletal reconstruction after bone tumour resection
Beltrami
- ID 544 What are the resection accuracy and guide fitting errors of patient-specific resection guide using 3D printing for bone tumor resections?
Kim
- ID 422 The use of 3D printing in the treatment of osteolytic bone lesions – a workflow
Weschenfelder
- ID 458 Preliminary results of a novel self-locking intramedullary nailing system in pathologic humerus fractures
Okay
- ID 476 Navigation and surgical guides to measure the patient 3D printed for unicortical resection of metaphyseal tumors of distal femur. Cadaveric validation study
Salgado

- ID 539 Hemipelvectomy with customized surgical guide without navigation
Salgado
- ID 541 Custom-made 3D-printed implants after bone tumor resection in pediatric patients: are new technologies able to improve reconstructive option and results?
Beltrami
- ID 528 Biomechanical evaluation of a patient specific 3D printed hemi pelvis implant used for surgical treatment of pelvic chondrosarcoma: A finite element analysis
Kiapour
- ID 475 Tumor resection with cut guide to measure recurrent distal femur chondrosarcoma
Salgado

Radiology of bone tumours

- ID 552 Unicameral bone cysts of proximal femur in skeletally immature patients: Do radiological parameters, pathological fracture, treatment method and recurrence affect the outcomes?
Aycan
- ID 449 Early response monitoring of neoadjuvant chemotherapy using FDG PET can predict the clinical outcome of extremity osteosarcoma
Kong
- ID 546 High performance and low complications rate of radio-guided biopsies in a reference center in the diagnosis of bone tumors.
Crenn
- ID 556 How can we assess the exposure of sarcoma surgeon?
Fuchs
- ID 502 Incremental direct imaging costs due to non-referring sarcoma patients
Belzarena
- ID 540 Impact of insurance status on chondrosarcoma diagnostic stage: Implications for detection and outcomes
Belzarena
- ID 526 The validity of the Birmingham Atypical Cartilage Tumour Imaging Protocol (BACTIP) to predict survival outcomes and guide surgical decision-making
Alaqeel
- ID 499 Midterm MRI follow-up of untreated enchondroma and atypical cartilaginous tumours in the long bones
Deckers
- ID 44 Conservatively managed cartilage tumors of the long bones- A ten year MRI follow up study
Gilg
- ID 450 Usefulness of increased 18F-FDG uptake for detecting local recurrence in patients with extremity osteosarcoma treated with surgical resection and endoprosthetic replacement
Kong

Thursday, 02 Dec 2021

09:00 - 10:30 a.m.

Interdisciplinary treatment of metastases

Plenary room

Moderator: Pollock & Gaspar	
09:00 - 09:15	Sarcoma metastasis: How to proceed? Jones
09:15-09:30	Oligometastases: Should they be treated differently? Dürr
09:30-09:40	Overall survival in case of oncologic resection of bone metastasis in thyroid cancer. Crenn
09:40-09:50	A novel prognostic score in metastatic bone disease in appendicular skeleton Ciani
09:50-10:00	Surgical anatomy, techniques and biomechanical analysis of AORIF percutaneous stabilization of periacetabular osteolytic lesions and biomechanical analysis Lee
10:00-10:10	Clinical Outcomes of Patients Treated with Carbon Fiber Plates: An International Study Rijs
10:10-10:20	Prognostic differences between oligometastatic and polymetastatic osteosarcoma recurrence – A report from the Cooperative Osteosarcoma Study Group (COSS) Song
10:20-10:30	Are Plasma YKL-40 and IL-6 prognostic for survival after surgery for metastatic bone disease of the extremities? Sorensen
10:30-11:00	Coffee break Poster walk & exhibition

11:00 a.m. - 12:30 p.m.

New guidelines and studies in sarcoma

Moderator: Strauss & Windhager	
11:00-11:15	Chemotherapy of soft tissue sarcomas: new guidelines Brunello
11:15-11:30	New studies in sarcoma Kasper
11:30-11:45	The challenges of Sarcoma patients and how patient advocates & experts together can make extensive changes Wartenberg
11:45-12:00	Which factors are associated with negative surgical margins in soft tissue and bone sarcoma patients? Results from a German-wide cohort study (PROSa-study) Eichler

12:00-12:15 EuSarc: From basic mechanisms to innovative therapies for sarcoma
Grünewald

12:15-12:30 DNA methylation classifier for sarcomas
Kölsche

10:30-11:00 Lunch

13:30 - 14:30 p.m.

Update in the treatment of abdominal sarcomas

Moderator: Schemmer & Gronchi

13:30-14:00 Standards in the treatment of abdominal and retroperitoneal sarcomas
Gronchi

14:00-14:30 Battle: RTX for retroperitoneal sarcoma
Hohenberger (contra) vs. **Haas** (pro)

14:30 - 15:30 p.m.

Limb sparing surgery vs. amputation

Moderator: Capanna & Taminiau

14:30-14:45 Isolated limb perfusion (ILP): Why should we use it?
Tunn

14:45-15:00 Defining depression and anxiety in orthopaedic sarcoma patients
Polfer

15:00-15:30 Battle: Limb salvage for sarcomas at the ankle joint?
Puri (no) vs. **Manfrini** (yes)

15:30-16:00 Coffee break
Poster walk & exhibition

16:00- 16:30 p.m.

Campanacci lecture

Moderator & Introduction: Leithner

16:00-16:30 The future of orthopaedic oncology
Sander Dijkstra

16:30 - 17:30 p.m.

Difficult case discussion & panel hot seat & voting**Moderator: Van de Sande & Bergovec***presentations coming soon ...*

Plenary room

09:00 - 10:30 a.m.

RTX, carbon & proton therapy**Moderator: Haas & Georg**

09:00 - 09:15	Intraoperative radiotherapy of STS Röder
09:15-09:30	Carbon ion therapy for sacral tumors and SACRO trial Fossati
09:30-09:45	Carbon ion therapy for osteosarcoma and OSCAR trial Harrabi
09:45-10:00	Proton therapy for pediatric sarcoma Hug
10:00-10:07	Activation of efficient DNA repair mechanisms after photon and proton irradiation of human chondrosarcoma cells Lohberger
10:07-10:14	Clinical outcome in children and young adults with pelvic rhabdomyosarcoma treated with proton therapy Nagaraja
10:14-10:21	Sacral nerve roots and ischial nerve as organs at risk in definitive carbon ion irradiation of sacral sarcoma. Fossati
10:21-10:30	discussion
10:30-11:00	Coffee break Poster walk & exhibition

Room 2

11:00 a.m. - 12:30 p.m.

Man vs. machine: deep learning and heavy statistics in sarcoma treatment**Moderator: Healey & Biau**

11:00-11:15	Machine learning in Pathology
11:15-11:30	Artificial Intelligence and Radiology: The future? Szolar
11:30-12:00	Battle: RTX for all high grade STS: what do modern statistics tell us? Biau (no) vs. Andreou (yes)
12:00-12:10	Re-excision after R1 resection of soft-tissue of limb and trunk wall sarcomas im-proves over-all survival for some patients. A national-wide Netsarc study of 2 505 patients study Gouin
12:10-12:20	The 10 year results of the fixed-hinge, cemented, Stryker modular endoprosthesis distal femoral tumour system: a multicentric retrospective review of 125 cases Biau
12:20-12:30	Artificial intelligence and chondrosarcoma: an international validation of the Skeletal Oncology Research Group (SORG) survival algorithm Palmerini
10:30-11:00	Lunch

13:30 - 15:30 p.m.

Free topics:**Flash session 7: Interdisciplinary treatment of metastatic disease****Moderator: Papagelopoulos & Campanacci**

03:30-13:33	Early diagnosis of intramedullary femoral bone metastasis using CT axial image Yonezawa
13:33-13:36	Surgical treatment of skeletal metastases in proximal tibia Laitinen
13:36-13:39	Intramedullary nailing for impending or pathologic fracture of the long bone: titanium vs carbon fiber peek nailing Ruggieri
13:39-13:42	Service Evaluation of Therapy Management after Proximal Femoral Replacement for Metastatic Bone Disease – A Retrospective Analysis of 10 cases Furtado
13:42-13:45	Surgical management of metastatic lesions of the proximal femur with pathological fractures using intramedullary nailing or endoprosthesis replacement Duan
13:45-13:55	discussion
13:55-13:58	The Stanmore METS Distal Femoral Replacement Modular System for primary bone tumours and metastatic disease – a single centre experience Aston
13:58-14:01	Limb-saving treatment of bone metastases in the lower extremity using a modular implant system Bollmann

14:01-14:04	Resections and megaprotheses of the lower limb in the very elder Scocianti
14:04-14:07	Early infection of megaprotheses: revision of infected megaprotheses by musculo-skeletal tumors or metastasis at a musculo-skeletal tumor reference center Carvalho
14:07-14:10	Long-term outcome and patient related outcome measurements in patients with modular distal femoral and proximal tibial megaprotheses Bollmann
14:10-14:20	discussion
14:20-14:23	Complications and survivorship of megaprotheses after the resection of bone metastases Theil
14:23-14:26	Reconstruction of the humerus using the Comprehensive Segmental Revision System in patients suffering from metastatic bone disease Jensen
14:26-14:29	Novel prognostic scale for patients with spinal metastases Valiev
14:29-14:32	Sarcopenia as Evaluated by Psoas Cross-Sectional Area is a Predictor of Complication Following Treatment of Lower Extremity Metastatic Disease Benevenia
14:32-14:35	Critical analysis of Mirels score in preventing pathological fracture in long bone metastasis Crenn
14:35-14:45	discussion
14:45-14:48	Does preventive fixation of bone metastases increase overall survival? Results from a case control study Boffano
14:48-14:51	Preoperative embolization facilitated the surgical treatment even in hypervascular metastatic tumors Chung
14:51-14:54	Lumbar Bone Metastases Of Synovial Sarcoma Treated With Stereotactic Body Radiation Therapy and Trabectedin Goncalves
14:54-14:57	Treatment of Oligometastatic Leiomyosarcoma of the Ankle: Case Report Goncalves
14:57-15:00	Local treatment of lung cancer metastases to spine Kulaga
15:00-15:10	discussion
15:10-15:13	Validate the results of Pathfx on Turkish patients with skeletal metastasis Ozturan
15:13-15:16	Clinical analysis of zoledronic acid and ibandronate in the treatment of metastatic bone disease Fang
15:16-15:19	Denosumab treatment for the advanced prostate cancer patients with impending fracture in the proximal humerus Joo
15:19-15:22	Safety and efficacy of denosumab in treatment of pulmonary metastatic giant cell tumor of bone Luo
15:22-15:30	discussion

15:30-16:00 Coffee break
Poster walk & exhibition

09:00 - 10:30 a.m.

**Free topics:
Flash session 8: From bench to bedside**

Moderator: Fuchs & Lohberger

09:00 -09:03	Four newly discovered USP6 fusion partners (ASAP1, FAT1, SAR1A, TNC) in primary aneurysmal bone cysts Mavcic
09:03-09:06	Factors implicating the establishment of undifferentiated/unclassified soft tissue sarcoma(USTS) patient-derived orthotopic xenograft(PDOX) nude-mouse model Igarashi
09:06-09:09	The molecular portrait of TSC1/2- mutated vs TSC1/2-wildtype PEComas Holzer
09:09-09:12	Development of metastatic orthotopic xenografts from sarcoma patients as models for therapeutic decision making Fischer
09:12-09:15	Genomic landscape and identification of therapeutic targets in Clear Cell Sarcoma Krzeciesa
09:15-09:25	discussion
09:25-09:28	Effects of mechanical loading on the degradability and mechanical properties of the nanocalcium-deficient hydroxyapatite–multi(amino acid) copolymer composite membrane tube for guided bone regeneration Duan
09:28-09:31	The combination of amygdalin with some anti-cancer, anti-parasitic, and anti-inflammatory drugs against MG63, Saos2 and FL cells in vitro Özkan
09:31-09:34	CEP55 promotes the proliferation and invasion of tumor cell via the AKT signaling pathway in osteosarcoma Wang
09:34-09:37	Comprehensive Bioinformatic Analysis of Immune Composition and Genes for Survival Prediction in Sarcoma Chen
09:37-09:40	Aggressive osteolytic breast cancer inflammatory tumor microenvironment in the skeletal compartment Lee
09:40-09:50	discussion
09:50-09:53	Molecular based diagnostics of sarcoma provides basis for reliable diagnoses, outcome prognostication and correlates with clinical phenotypes Goetz

Room 3

09:53-09:56	In vitro stress effect on degradation and drug release behaviors of basic fibroblast growth factor-poly(lactic-co-glycolic-acid) microsphere Fang
09:56-09:59	Hydrogen-peroxide reduces cell viability and induces apoptosis in chondrosarcoma and osteosarcoma derived cell lines Bollmann
09:59-10:02	Sunitinib effectively reduces the viability of tumor stromal cells in a giant cell tumor of bone Mahdal
10:02-10:05	Navigation and 3D Printing in Traumatology and Orthopedics: Comparative cadaveric study of the accuracy obtained by various registration methods Salgado
10:05-10:15	discussion
10:15-10:18	Is percutaneous injection of bone marrow concentrate, demineralized bone matrix and PRF an alternative to Curettage and bone grafting for treating aneurysmal bone cyst? Cevolani
10:18-10:21	Integrated miRNA-mRNA analysis revealing the potential roles of miRNAs in chordomas Long
10:21-10:24	Inhibiting giT1 reduces the growth, invasion, and angiogenesis of osteosarcoma Wang
10:24-10:30	discussion

10:30-11:00 Coffee break
Poster walk & exhibition

11:00 a.m. - 12:30 p.m.

Free topics:
Flash session 9: Complications and quality of life

Moderator: Cirstoiu & Guin

11:00-11:15	Introductory lecture: Are complications unreported in published sarcoma literature? Campanacci
11:15-11:18	Infection Revision Megaprosthesis Reconstruction after Bone Tumor Replacement Vyrva
11:18-11:21	Total humerus replacement with the MUTARS™ system in patients with bone sarcomas – risk factors for endoprosthetic failure and functional outcome Schneider
11:21-11:24	Long-term outcome of the proximal femur reconstruction: comparison of cemented and uncemented allograft-prosthetic composite Min
11:24-11:27	Damage of the Metal-on-Metal coupling in modular tumour endoprostheses (MUTARS®) Bollmann

11:27-11:30	Expert Opinions about sports activity after Tumorendoprotheses - Do they differ in different parts of the world? Hobusch
11:30-11:40	discussion
11:40-11:43	Intramedullary Stabilized Two-Staged Reimplantation Following Megaprosthesis Infection at the Knee: A Consecutive Series of 25 patients Benevenia
11:43-11:46	No improvement of failure rate after resection of primary bone tumors and reconstruction with second-generation mega-protheses Holm
11:46-11:49	Is it possible to predict the factors affecting the process during the treatment of post-musculo-skeletal tumor surgery wound problems through negative pressure wound therapy? Erol
11:49-11:52	Does the use of intraoperative angiography reduce the incidence of postoperative wound complications in complex ortho-plastic reconstructions? Cavanaugh
11:52-11:55	Adjuvant radiotherapy on skin grafts: experience of a Radiotherapy department Goncalves
11:55-12:05	discussion
12:05-12:08	Soft tissue sarcomas: Wound complications dictate treatment selection - A new approach Lindeque
12:08-12:11	Lessons learned from recruitment patterns in the Prophylactic Antibiotic Regimens (PARITY) randomized controlled trial Gazendam
12:11-12:14	The cause of amputation after limb salvage for extremity sarcomas Erol
12:14-12:17	Functional outcome and QOL after sarcomas of the foot and ankle region. Is early amputation justified? Hobusch
12:17-12:20	Patient's Perception of Changes and Consequences after Tumor Surgery/Treatment. A Qualitative Study in Austrian Patients with musculo-skeletal Malignancies Trost
12:20-12:30	discussion
12:30-13:30	Lunch

13:30- 15:30 p.m.

Free topics:
Flash session 10: Bone sarcomas

Moderator: Staals & Brosjö

13:30-13:33	Follow-up in bone sarcoma care: a cross-sectional European study Goedhart
13:33-13:36	Is Intra Operative Frozen Section of Medullary Marrow Margin essential for limb salvage surgery for primary malignant tumours of long bones – 10 year multi centre analysis of 636 cases Sugath

13:36-13:39	Low-grade myofibroblastic sarcoma of the bone: clinical outcomes highlight the challenges of diagnosis and treatment Tang
13:39-13:42	Chondrosarcoma of the hand and feet-when to worry? Kask
13:42-13:45	Bone Cancer in Ancient Egypt: the largest series Isidro-Ilorens
13:45-13:55	discussion
13:55-13:58	Management of bone and soft-tissue sarcomas during pregnancy: A single centre's 36-year experience Kurisunkal
13:58-14:01	What are common pitfalls, radiological features and prognostic factors of parosteal osteosarcoma? Sungur
14:01-14:04	Prognostic Significance of Texture Analysis of Magnetic Resonance Images in Primary Osteosarcoma Laux
14:04-14:07	Does choice of surgical procedure correlate with survival in high-grade central osteosarcoma around the knee? - A report from the Cooperative Osteosarcoma Study Group (COSS) Bielack
14:07-14:10	Pathological fracture does not affect prognosis in dedifferentiated chondrosarcoma of the limbs Sambri
14:10-14:20	discussion
14:20-14:23	Clinical differences between central and peripheral ex-osteochondroma chondrosarcomas Laitinen
14:23-14:26	What's an adequate resection margin? Analysis of resection margins in currently sixty-four patients treated for locally aggressive and malignant bone tumors of the extremities Guder
14:26-14:29	Predictors for the use of biopsy in sarcoma patients and impact of place of biopsy – Results from a German-wide cohort study (PROSa-study) Eichler
14:29-14:32	Extraskelletal Ewing Sarcoma of trunk and extremities: a single Institution retrospective review of 57 patients Karpik
14:32-14:35	Is it safe to observe grade 1 chondrosarcoma? Laitinen
14:35-14:45	discussion
14:45-14:48	How safe is curettage for atypical cartilaginous tumor of the pelvis? Alfaro
14:48-14:51	Evaluation of 18 years experience with growing endoprosthesis in children and adolescents with primary malignant bone tumors Szafrański
14:51-14:54	Delay in diagnosis of primary osteosarcoma of bone in children: have we improved in the last 15 years and what is the impact of delay on diagnosis? Celaire, Pace, Taylor
14:54-14:57	Advanced Epithelioid Haemangioendothelioma: fever, pain and pleural effusion predict a worse outcome Napolitano

14:57-15:00	The role of time and size of local recurrence in disease specific survival of chondrosarcoma Laitinen
15:00-15:10	<i>discussion</i>
15:10-15:13	Work ability and leisure time activities in adults with tumor-prostheses in the hip and knee Fernandes
15:13-15:16	Comparison of non-vascularized and vascularised fibula grafts in reconstruction of tumor bone defects at the extremities – a single center experience with mid-to longterm results Krieg
15:16-15:19	EMSOS study on Desmoplastic Fibroma of Bone - The right seeting for the wrong tumor? Traub
15:19-15:22	The long term outcome of extra-articular resection of the knee joint for malignant bone tumors of the distal femur: a comparative retrospective review of 133 cases Biau
15:22-15:30	<i>discussion</i>
15:30-16:00	Coffee break Poster walk & exhibition

09:00 - 10:30 a.m.

**Free topics:
Flash session 11: Soft tissue sarcoma 2**

Moderator: Parry & Palmerini

09:00 -09:03	Effect of Nedoadjuvant and Adjuvant Radiotherapy on Local Recurrence, Distant Metastasis, and overall survival in extremity soft tissue sarcoma Smolle
09:03-09:06	The reconstructive role of dermal subsitutes after wide excision of soft tissue sarcomas Spazzoli
09:06-09:09	Candidate biomarkers for specific intraoperative near-infrared imaging of soft tissue sarcomas Rijs
09:09-09:12	Influence of tumour-infiltrating immune cells on local control rate, distant metasta-sis, and survival in patients with soft tissue sarcoma Szkandera
09:12-09:15	The surveillance after extremity tumor surgery (SAFETY) trial: International Enrolment and Expansion Ghert
09:15-09:25	<i>discussion</i>
09:25-09:28	Assessing the Safety and Utility of Wound VAC Temporization of the Sarcoma or Benign Aggressive Tumor Bed Until Final Margins are Achieved Lozano

09:28-09:31	Definition and assessment of quality of sarcoma work-up using a transdisciplinary real-world data platform Fuchs
09:31-09:34	Is Moh's Micrographic Surgery Really Superior to Wide Local Excision for DFSP? A Multicenter International Study Houdek
09:34-09:37	Haemorrhagic soft-tissue sarcoma: oncological outcomes and prognostic factors for survival Maes
09:37-09:40	Free Functional Latissimus Dorsi Reconstruction of the Quadriceps and Ham-strings Following Oncologic Resection of Soft-Tissue Sarcomas of the Thigh Houdek
09:40-09:50	discussion
09:50-09:53	Whoops lesions, still there? Perez-Munoz
09:53-09:56	Lack of Radiosensitivity Predicts Poor Oncologic Outcome in Extremity Myxoid Liposarcoma Houdek
09:56-09:59	Outcomes of Soft Tissue Sarcomas in Nonagenarians Hartley
09:59-10:02	The role of perioperative chemotherapy in primary high-grade extremity soft tissue sarcoma: A risk-stratified analysis using PERSARC Acem
10:02-10:05	Prediction models for survival, local recurrence and metastases of Leiomyosarcomas of trunk wall and extremities: A multicentre study Kannan
10:05-10:15	discussion
10:15-10:18	Restaging after Neoadjuvant Radiotherapy for Soft Tissue Sarcoma Schultze
10:18-10:21	Advanced Imaging versus Clinical Signs and Symptoms for Detecting Local Recurrence of Soft Tissue Sarcoma Cipriano
10:21-10:24	Does Extrapulmonary Imaging Have a Role in Systemic Surveillance of Soft-Tissue Sarcoma? Cipriano
10:24-10:30	discussion
10:30-11:00	Coffee break Poster walk & exhibition

11:00 a.m. - 12:30 p.m.

Free topics:
Flash session 12: Bone sarcomas 2

Moderator: Goedhard & Thaler

11:00-11:15	Introductory lecture: Salvage of limb salvage in oncological reconstructions of the lower limb with megaprosthesis: how much to push the boundaries? Innocenti
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11:15-11:18	Effectiveness of cyber knife for oligometastatic lung lesions of musculoskeletal sarcoma Yasuda
11:18-11:21	Outcome of lung metastases due to bone giant cell tumor initially managed with observation Tsukamoto
11:21-11:24	Effect of Metastasectomy in Bone Sarcoma Patients with Secondary Lung Metastases. A Single-Centre Experience Smolle
11:24-11:27	Primary and secondary malignant giant cell tumours of bone Verspoor
11:27 -11:30	Treatment of giant cell tumor with intralesional surgery and denosumab Diedkov
11:30-11:40	<i>discussion</i>
11:40-11:43	Denosumab increases the risk for local recurrence after curettage versus resection for bone giant cell tumor of the distal radius Hyakuda
11:43-11:46	Does Size and Percentage of Dedifferentiated Chondrosarcoma Influence Survival? Alaqeel
11:46-11:49	Presence of a Soft-Tissue Mass is Associated with Worse Outcome for Patients with Scapular Chondrosarcoma Houdek
11:49-11:52	Outcomes of Distal Radial Endoprostheses: A Single Centre Experience over 15 years Mahoney
11:52-11:55	Accuracy of MRI Scans in Predicting Intraarticular Joint Involvement in High-Grade Sarcomas Around the Knee Kurisunkal
11:55-12:05	<i>discussion</i>
12:05-12:08	Impact of Insurance Status on Chondrosarcoma Diagnostic Stage: Implications for Detection and Outcomes Yatham
12:08-12:11	Bone & Soft Tissue Cancer in Ancient Egypt. The largest series Isidro
12:11-12:14	A retrospective review of 467 patients with low grade chondroid lesions treated at a single institution Massler
12:14-12:17	Bone Scintigraphy in the Surgical Staging of Skeletal Chondrosarcoma Houdek
12:17:12:20	Low grade chondroid lesions in long bones – clinical and radiological criteria Massler
12:20-12:30	<i>discussion</i>
12:30-13:30	Lunch

13:30 - 14:30 p.m.

Free topics:

Flash session 13: Infections and complications

Moderator: Lehner

13:30-13:45	Introductory lecture: Prophylactic Antibiotic Regimens In Tumor Surgery (PARITY): An International, Multi-Center Randomized Controlled Trial Comparing Alternative Antibiotic Regimens in Patients Undergoing Tumor Resection and Endoprosthetic Reconstruction of the Lower Extremity Ghert
13:45-13:48	What is the chance for a new endoprosthesis for patients with tumors of the knee joint after two-stage revision? Mikhailov
13:48-13:51	Outcomes of Two-Stage Revision for Treating Infected Endoprostheses in Tumour Surgery Mcculloch
13:51-13:54	Treatment of pseudotumors in hip prostheses revision surgery Ruggieri
13:54-13:57	A Comparison of the Microbiology Profile for 2-Stage revision Surgery in Periprosthetic Joint Infection of Knee Arthroplasty and Lower Limb Endoprostheses for Tumour Surgery Mcculloch
13:57-14:00	What is The Influence of Negative Pressure Wound Therapy on High-Risk Wounds? Alaqeel
14:00-14:10	discussion
14:10-14:13	Salvage of the Salvage – Infected Megaprosthesis treated with debridement and flap cover Sugath
14:13-14:16	Periprosthetic Infection in the Shadow of an Urotelial Carcinoma Metastasis Vazques
14:16-14:19	The long term outcomes of limb salvage surgery, single institute experience, review of 210 cases Shehadeh
14:19-14:22	Socioeconomic and Preoperative Risk Factors Associated with Limb Salvage versus Amputation for Adult Extremity Bone Sarcomas in Patients with Insurance Coverage Houdek
14:22-14:30	discussion

14:30 - 15:30 p.m.

Free topics:

Flash session 14: Bone metastases

Moderator: Houdek

14:30-14:45	The importance of awaiting biopsy results in solitary pathological proximal femoral fractures. Do we need to biopsy solitary pathological fractures? Verspoor
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Room 4

14:45-14:48	Outcomes of Intramedullary Nail Fixation for Metastatic Disease: Impending and Pathologic Fractures Houdek
14:48-14:51	Increased risk of venous thromboembolism with aspirin versus low molecular weight heparin for chemoprophylaxis in patients undergoing surgery for metastatic bone disease Karim
14:51-14:54	Operating procedures for electrochemotherapy in bone metastases: Results from a multicenter prospective study on 102 patients Cevaloni
14:54-14:57	Evaluation of effectiveness and safety of microwave ablation as a minimally invasive treatment alternative for vertebral tumors Nijland
14:57-15:00	Long-term results of proximal femoral tumor endoprosthesis replacement after primary and metastatic tumors resection Sokolovsky
15:00-15:10	<i>discussion</i>
15:10-15:13	Pelvic metastases from renal cell carcinoma – Results after surgical treatment Scocianti
15:13-15:16	Increased risk of venous thromboembolism with aspirin versus low molecular weight heparin for chemoprophylaxis in patients undergoing surgery for metastatic bone disease Lozano
15:16-15:19	Rapid pain relief and functional improvement after local radiofrequency ablation and cementing combined with internal fixation for long bone metastases. A prospective study Oliveira
15:19-15:22	Clinical Outcomes of Patients Treated with Carbon Fiber Nails: An International Study Lozano
15:22-15:30	<i>discussion</i>

Posterwalk 3

Time: 10:30 - 11:00 a.m.

Benign bone tumours

- ID 163 Long term results of surgical hip dislocation and osteo-articular allograft reconstruction for a chondroblastoma in the femoral head
Medellin
- ID 339 Surgical strategy for benign lesions in proximal femur: internal fixation or endoprosthetic replacement
Duan
- ID 53 Treatment of Juvenile Solitary Bone Cyst using Cannulated Cancellous Screw
Susa
- ID 130 Bone grafting for pediatric solitary bone cyst patients
Bayev
- ID 189 Case report of a juxta-articular osteoid osteoma in the femoral neck of a 3-year-old child
Mavcic

- ID 39 Eosinophilic granuloma in adults; two case reports
Aydemir
- ID 118 Giant Periosteal Aneurysmal Bone Cysts. Clinicopathological description of two tumours larger than 20 cms
Medellin
- ID 428 Chondroblastoma: is intralesional curettage with the use of adjuvants a sufficient way of therapy?
Deventer
- ID 468 Outcome of Total Hip Arthroplasty in the Setting of Multiple Hereditary Enchondromatosis
Houdek
- ID 481 Bone Overgrowth and Limb Deformity After Osteochondroma Resection
Belzarena

Biological reconstruction

- ID 89 Distraction Osteogenesis specific surgical complications in reconstruction of malignant osseous tumors
Massler
- ID 334 The use of PRECICE(R) nail in the management of limb length discrepancy following biological reconstruction with frozen hotdog technique
Ozger
- ID 313 Extended Curettage and Fibular Strut Graft as the modality to Preserve the Joint for Gi-ant Cell Tumour of Head and Neck of Femur - Results of Nine Years' Experience
Reddy
- ID 14 Comparison between non vascularised fibula and bone cement in augmenting ECRT bone for malignant tumors of lower limb
Sugath
- ID 189 Segmental diaphyseal bone defect reconstruction using vascularized fibula. First single institution experience
Repsa
- ID 305 Biological reconstruction after resection of primary malignant bone tumors
Traub
- ID 63 Combined use of intramedullary nails and Harms titanium mesh cages for reconstruction of diaphyseal defects after resection of malignant bone tumors
Mikhailov
- ID 20 Reconstruction of bone defect with allograft and retrograde intramedullary nail for distal tibia osteosarcoma
Wang
- ID 319 Vascularised Fibula in Long Bone Tumours and Recalcitrant Osteomyelitis for Limb Salvage - Biological Reconstruction Learnings Eight Years' Experience
Reddy

Limb salvage vs. amputation

- ID 19 Clinical outcome of free vascularized fibula graft in the surgical treatment of extremity osteosarcoma
Wang
- ID 33 Endoprosthetics of ankle joint for tumors of the distal tibia
Protsenko
- ID 95 Clinical outcomes of the five patients undergoing forequarter amputation
Takahara
- ID 47 Reconstruction of the ankle after wide resection of distal fibula tumors: case report and review of the literature
Alrumaih
- ID 367 Limb-salvage treatment of en-block resected distal femoral tumors with an endoprosthesis of an all-polyethylene tibial component: the long-term clinical outcome
Tang

- ID 64 Outcomes of the combined anteroposterior approach for forequarter amputation in advanced shoulder girdle tumours
Khan
- ID 245 Ewing's sarcoma of the calcaneus treated by limb sparing surgery with calcanectomy and reconstruction with a composite of an allograft and a vascularized osteocutaneous fibula graft
Petersen
- ID 227 Secondary Amputation – A qualitative Study of Quality of Live in Patients after Primary Limb Salvage Surgery and after later Ablative Sarcoma Treatment
Trost
- ID 61 Osseointegration prosthetic limbs for rehabilitation of amputees, the outcome in sarcoma patients
Shehadeh
- ID 270 Reconstruction in Bony Tumours of the Foot and Ankle
Titus

Total, growing, custom-made & 3D-Implants

- ID 142 3D planning for musculoskeletal tumors: an important instrument for the surgeon and the patient. A preliminary study
Boffano
- ID 346 Total ulna replacement with a 3D printed custom-made prosthesis after en bloc tumor resection
Duan
- ID 120 Evolution in the using of Implantcast growing endoprosthesis - Experience of the War-saw Center - Institute of Mother & Child
Szafrański
- ID 294 Reverse Total Shoulder versus Allograft Prosthetic Composites Following Proximal Humerus Tumor Resection
Amer
- ID 352 Total talar replacement with a novel 3D printed modular prosthesis for tumors
Duan
- ID 323 Custom made 3D printed prosthetic replacement following bone tumor resections of the distal radius - one-center experience
Szostakowski
- ID 121 New technical know how in reconstruction of bone defects in children and youth with primary malignant bone tumors - own experiences
Szafrański
- ID 349 Total femoral prosthesis replacement following resection of femoral malignant tumors
Duan
- ID 310 3D printed patient-specific implants in bone tumour surgery. Are we really innovative? Xenotransplantation in XIX and XX century - a historical prelude to modern bone tumour surgery
Szostakowski

Prosthetic reconstruction

- ID 317 Characteristics and Outcomes of Patients who Underwent Total Femur Replacement for Malignant Bone Tumours- Our Decade of Experience
Reddy
- ID 54 Titanium Silk VS Polymeric Tube. As soft tissue reconstruction option in patients with hip replacement after tumor resection
Mikhailov
- ID 95 Clinical outcomes of the five patients undergoing forequarter amputation
Takahara
- ID 153 Temporal hemi-arthroplasty for distal femoral osteosarcoma in early childhood: A case report
Imanishi
- ID 144 Can a partial knee replacement be the solution for arthritis secondary to cementation of osteolytic lesions? A case report
Boffano

- ID 292 Primary Osseous Benign and Malignant Tumours and Metastases of the Elbow: Evaluation with 49 Cases
Öztürk
- ID 131 Modular fluted tapered stems after tumor resection in the proximal femur
Cretu
- ID 209 Elbow joint reconstruction using MUTARS Distal humerus endoprosthesis
Repsa
- ID 297 Cf/peek implants in oncologic orthopaedic surgery. A 5-years experience
Andreani
- ID 307 Extraarticular Resection and Reconstruction Limb Salvage Surgery for Bone and Soft Tissues Involving the Joint – Lessons from our Eight Year Experience
Reddy
- ID 394 Can a modular tapered fluted titanium femoral stem be used in reconstruction following proximal femur tumor resection?
Bergovec

Posterwalk 4

Time: 15:30 - 16:00 p.m.

Complications & management

- ID 260 First use of Closed Incisional Negative Pressure Wound Therapy in oncological orthopaedic patients
Gabriele
- ID 4 Efficacy and safety of microsurgery in interdisciplinary treatment of sarcoma affecting the bone
Eisenhardt
- ID 45 Failure of a Carbon-Fiber-Reinforced Polyetheretherketone distal femur plate – A case report
Goudriaan
- ID 188 Cortical Bone Resorption After Megaprosthesis Surgery Of The Knee
Endo
- ID 271 Quantitative measurements of adaptive bone remodeling around the Cemented Zimmer® Segmental stem after tumor resection arthroplasty using dual-energy X-ray absorptiometry
Holm
- ID 393 Bone heating at tumor endoprosthesis Implantation: a cadaver study
Bergovec
- ID 416 Tumors at the elbow - clinical and oncological results after resection and endoprosthesis replacement: preliminary results of a 101 patients from a multicentric study
Bergovec
- ID 487 The amount of bone resected in periacetabular tumor resection impacts on alloprosthetic reconstruction survival and function
Bruschi
- ID 425 Do frailty scores predict outcome after proximal femoral replacement for musculoskeletal tumours?
Buldu
- ID 421 Preoperative Sarcopenia is Associated with Local Tumor Recurrence but not Wound Complications Following Sacral Tumor Resection
Houdek
- ID 551 Extensor tendon reconstruction and wrapping the tumor endoprosthesis with polypropylene mesh
Alparslan
- ID 471 Allograft Prosthetic Composite Reconstruction Using a Reverse Total Shoulder Arthroplasty for Failed Oncologic Proximal Humerus Reconstruction
Houdek

Survival

- ID 72 Late metastasis in Ewing sarcoma
Woltsche
- ID 25 Carbon ion radiotherapy for chondrosarcoma. A multicenter retrospective study in Japan
Okamoto
- ID 240 Clinical outcomes and prognostic factors of synovial sarcomas in extremities
Chung
- ID 13 An analysis of factors related to recurrence of myxofibrosarcoma
Kikuta
- ID 265 Survival analysis of myxoid liposarcoma: a retrospective evaluation over 20 years
Machado
- ID 101 Surgical resection of the primary lesion is associated with better overall survival in spindle cell soft tissue sarcoma patients with metastasis at diagnosis
Zhang
- ID 311 Systematic Review and Meta-analysis of the Outcomes of Extraarticular Resection and Reconstruction as Limb Salvage Option in Musculoskeletal Tumours involving Joint
Reddy
- ID 357 Development of a general logistic model for disease risk prediction using multiple SNPs
Long
- ID 359 Prognostic nomograms to predict overall survival and cancer-specific survival in patients with pelvic chondrosarcoma
Long
- ID 100 Survival analysis of patients with Adamantinoma: a Surveillance, Epidemiology, and End Results population-based study
Öztürk
- ID 417 Diagnostics and treatment of sarcomas in the Czech Republic – centralization desperately needed
Adamkova

Basic science & new technologies

- ID 479 Female Presenting trends in Oncology Orthopedics – An Analysis of the past 5 years
Belzarena
- ID 420 Galectin-3 expressional profile in musculoskeletal tumor patients
Nakajima
- ID 460 Effects of a combined therapy of bortezomib and ionizing radiation on chondrosarcoma tri-dimensional spheroid cultures
Lohberger
- ID 18 Genetic Variant of NFIB is Associated With the Metastasis of Osteosarcoma in Chinese Population
Wang
- ID 187 Differentiation and apoptosis of human osteosarcoma cells (UTOS-1) in response to dibutyl cyclic 3', 5'-adenosine monophosphate
Kanamori
- ID 345 Analyzing the behavior of a porous nano-hydroxyapatite/polyamide 66 (n-HA/PA66) composite for healing of bone defects
Duan
- ID 11 Prognostic impact of CD44 expression in patients with myxofibrosarcoma
Tsuchie
- ID 128 Clinical outcomes of neoadjuvant denosumab treatment in giant cell tumor of the pelvis and spine: single institution experience
Tararykova

- ID 358 Diosgenin exerts its tumor suppressive function via inhibition of Cdc20 in osteosarcoma cells
Long
- ID 131 Giant cell tumor of bone with cartilage matrix: A clinicopathological study of 18 cases
Brcic
- ID 419 Protein c-Myb in osteosarcoma – experimental research and retrospective study
Adamkova

Quality of life

- ID 22 Generation Y in Surgery – War for Talent in Times of Talent Shortage
Schneider
- ID 169 Comparative analysis of quality of life in patients with spine metastases before and after surgical treatment
Usmanova
- ID 132 Comparative results of segmental resection versus radical resection in patients with myxofibrosarcoma of the limbs
Iordache
- ID 301 Extraabdominal desmoid tumors: A follow up of 27 patients with emphasis on iatrogenic functional impairment
Dragosits
- ID 372 Using means of transport and walking aids after treatment for primary malignant bone tumors in the lower extremity - A mining follow-up of 20 years
Hofer
- ID 214 Early Outcomes in Modular Prostheses of the knee and Physical Recovery
Iacobescu
- ID 73 Recovery of Function after Arthrodesis Reversal to a Hinged TKA
Albert
- ID 83 Ankle Valgus Deformity in Skeletally Immature Hereditary Multiple Exostoses
Aycan
- ID 26 Gorham-Stout Disease – Diagnosis, Treatment and Quality of Life
Schneider
- ID 296 An Orthoplastics Approach to Extremity Reconstruction Following Oncologic Resection Decreases Number of Return Trips to Operating Room
Thomson

Soft tissue sarcoma 2

- ID 148 A case report of rare biological reconstruction technique in a patient with elbow synovial sarcoma
Cirstoiu
- ID 233 Prognostic factors in clear cell sarcoma
Grothues
- ID 41 Clinical outcome of neoadjuvant alternating chemoradiotherapy for soft tissue sarcomas
Sugawara
- ID 199 Clinical outcomes and prognosis of patients undergoing unplanned excisions of malignant soft tissue tumors
Morinaga
- ID 187 Differentiation and apoptosis of human osteosarcoma cells (UTOS-1) in response to dibutyl cyclic 3', 5'-adenosine monophosphate
Kanamori
- ID 322 Use of percutaneous cryosurgery in treatment of benign bone and soft tissue tumours
D'Arienzo
- ID 140 Risk factor related to local recurrence of myxofibrosarcoma and undifferentiated pleomorphic sarcoma by the adjacent tissue of the primary lesion
Suzuki

- ID 60 Soft tissue sarcoma abutting the bone, what is the adequate bone margin?
Shehadeh
- ID 3 Comparison of the 7th and 8th version of the AJCC-classification for soft tissue sarcoma
Smolle
- ID 418 Limb-preserving surgery with vascular reconstruction for soft tissue sarcoma of the lower leg
Matsumoto

Interesting cases 2

- ID 550 Tenosynovial giant cell tumor of the knee joint - Rapid progression in diffuse subtype - A case report
Mandl
- ID 480 Rapidly Acquired Valgus Deformity After Resection of Osteochondroma: A Report of Two Cases
Belzarena
- ID 447 Treatment options for aneurysmal bone cyst of the foot: a series of 10 cases
Deventer
- ID 451 Custom-made endoprosthetic replacement of the distal ulna after resection of giant cell tumor of bone: a case-report
Engel
- ID 429 Osteofibrous dysplasia-like Adamantinoma of the tibia progressing into Adamantinoma after 36 years. Considerations regarding the management between careful observation and early aggressive therapy
Exner
- ID 530 Ankle Arthrodesis Nail combined with Locking Compression Plate to stabilize two-level pathologic tibial fractures caused by multiple myeloma
Exner
- ID 423 Melorheostosis – A potential diagnostic pitfall mimicking malignant lesion
Kaufmann-Bühler
- ID 83 Ankle Valgus Deformity in Skeletally Immature Hereditary Multiple Exostoses
Aycan
- ID 549 Surgical treatment and review of literature
Mani
- ID 443 Ewing sarcoma of third metacarpal bone with synchronous metastases
Okay

Friday, 03 Dec 2021

09:00 - 10:30 a.m.

Training Day**Soft tissue sarcoma: From MRI to radiotherapy****Moderator: Funovics & Liegl-Atzwanger**

09:00 - 09:15	Radiology Soft tissue tumors Nöbauer-Huhmann
09:15-09:30	Pathology soft tissue sarcomas Liegl-Atzwanger
09:30-09:45	Surgery 1: Soft tissue sarcoma resection: tips & tricks Bergovec
09:45-10:00	Oncology 1: Soft tissue sarcoma Szkandera
10:00-10:15	Radiotherapy: Current treatment options for soft tissue sarcomas Haas
10:15-10:30	discussion

10:30-11:00 Coffee break

11:00 a.m. - 12:30 p.m.

Training Day**Interactive cases soft tissue - AMSOS meets EMSOS****Moderator: Andreou & Scheipl**

11:00-11:20	Cases Innsbruck: • Soft tissue sarcoma lower extremity • Atypical lipomatous tumor Thaler
11:20-11:40	Cases Vienna • Soft tissue sarcoma upper extremity • Diffuse-type of giant cell tumor of the tendon sheath Hobusch
11:40-12:00	Cases Graz • Desmoid tumor • Pediatric soft tissue sarcoma Friesenbichler
12:00-12:20	MedAustron Georg

12:30-13:30 Lunch

Plenary room

13:30-15:00 p.m.

Training Day

Bone sarcoma: From x-ray to resection

Moderator: Antal & Ranner

13:30-13:45	Radiology: Bone tumors Igrec
13:45-14:00	Pathology: Bone tumors Forsyth
14:00-14:15	Oncology 2: Bone sarcoma Brodowicz
14:15-14:30	Surgery 2: Bone sarcoma resections: tips & tricks Ruggieri
14:30-14:45	Basic research - from bench to bedside Rinner
14:45-15:00	discussion

15:00-15:30 Coffee break

15:30-17:00 p.m.

Training Day

Interactive cases bone - Central Europe meets EMSOS

Moderator: Bergovec & Dürr

15:30-15:50	Cases Hungary • Morbus Ollier disease • Giant cell tumor of bone Antal
15:50-16:10	Cases Slovenia • Simple bone cyst with difficult presentation • Fibrous dysplasia Mavcic
16:10-16:30	Cases Czechia • Pediatric osteosarcoma distal femur • Aneurysmal bone cyst Mudry Tomas Tomas
16:30-16:50	Cases Poland • Pelvic bone sarcoma • Unknown primary bone metastasis in the younger patient Kotrych
16:50-17:00	discussion