



THE 32nd INTERDISCIPLINARY
RESEARCH CONFERENCE ON
INJECTABLE OSTEOARTICULAR
BIOMATERIALS AND BONE
AUGMENTATION PROCEDURES

SARDINIA SPINE 2024 ...and stroke JOINT MEETING



PRESIDENTS

Stefano MARCIA
Salvatore MASALA

12-13-14
June
CAGLIARI



PATRONAGE



Wednesday 12nd June

Main Room

08.00 - 10.40	Morning JOINT SESSIONS SESSION I
	Coffee break
11.00 - 13.00	Morning JOINT SESSIONS SESSION II
	Lunch
14.30 - 17.00	Afternoon JOINT SESSIONS SESSION I
	Coffee break
17.20 - 19.20	Afternoon JOINT SESSIONS SESSION II

Thursday 13th June

Main Room

Room 2

08.00 - 08.30	Opening Ceremony	
08.30 - 10.40	Morning GRIBOI Sessions SESSION I	Morning SPINE Sessions SESSION I
	Coffee break	
11.00 - 13.00	Morning GRIBOI Sessions SESSION II	Morning SPINE Sessions SESSION II
	Lunch	
14.30 - 16.30	Afternoon GRIBOI Sessions SESSION I	Afternoon SPINE Sessions SESSION I
	Coffee break	
16.40 - 19.00	Afternoon GRIBOI Sessions SESSION II	Afternoon SPINE Sessions SESSION II

Friday 14th June

Main Room

Room 2

08.30 - 10.30	Morning JOINT Sessions SESSION I Live connection with SS Trinità Hospital	Morning STROKE Sessions SESSION I
	Coffee break	
11.00 - 12.00	Morning JOINT Sessions SESSION II Free Papers	Morning STROKE Sessions SESSION II
12.00 - 13.00	General Assembly GRIBOI	
13.00	Closing and remarks	

08.00 - 08.15 Registration

08.15 - 08.30 Introduction: **Stefano Marcia, Salvatore Masala**

SESSION I

MAIN ROOM - VERTEBRAL FRACTURES

Moderators: **F. Caranci, G. Maestretti**

08.30 - 08.50 Type of spinal fractures and their relationship to treatment

W. Gibbs

08.50 - 09.10 Vertebroplasty and Kyphoplasty: the EBM and international guidelines

J.A. Hirsch

09.10 - 09.30 Percutaneous vertebroplasty and vertebral augmentation: when and where

S. Masala

09.30 - 09.50 New devices for vertebral augmentation

A. Spinelli

09.50 - 10.10 Internal stabilization and posterior fixation for treatment of vertebral fractures: when and where

F. Ardura

10.10 - 10.30 The US Vertebral Augmentation Registry: Findings from the World's Largest Registry of Vertebroplasty & Kyphoplasty

D. Beall

10.30 - 10.40 Discussion

Coffee break

SESSION II

MAIN ROOM - VERTEBRAL FRACTURES

Moderators: **A. Barile, A. Brook**

11.00 - 11.20 Vertebroplasty for treatment of vertebral hemangioma

M. Muto

11.20 - 11.40 New Vertebral Fractures Following Percutaneous Augmentation: Myth or Reality?

D. Filippiadis

11.40 - 12.00 Morbidity and Mortality effect from Vertebral Compression Fracture

D. Beall

12.00 - 12.20 A Neiman Fellow describes how claims based datasets are upending the conversation regarding treatment of compression fractures

J.A. Hirsch

12.20 - 12.40 Discussion

12.40 - 13.00 Il percorso formativo di un neuroradiologo interventista

R. Cioni

13.00 - 14.30 Lunch

Wednesday, June 12

Afternoon Joint sessions

SESSION I
MAIN ROOM
DEGENERATIVE SPINE DISEASES

Moderators: *F. Ardura, G. Guglielmi*

- 14.30 - 14.50 Spine anatomy and biomechanics
F. Bruno
- 14.50 - 15.10 Imaging and grading of spinal stenosis and instability
A.M. Reis
- 15.10 - 15.30 Imaging and grading of disc degeneration and facet joint disease
S. Gerevini
- 15.30 - 15.50 Wrong level surgery: why happens and how to avoid
M. Ukmar
- 15.50 - 16.10 Injection therapies
D. Dalili
- 16.10 - 16.30 Percutaneous treatment of disc herniation: different techniques
E. Piras
- 16.30 - 16.50 Treatment of facet joint diseases
M. Van Strijen
- 16.50 - 17.00 Discussion
- Coffee break

SESSION II
MAIN ROOM
DEGENERATIVE SPINE DISEASES

Moderators: *C. Doria, J. A. Hirsch*

- 17.20 - 17.40 Ablation of the basivertebral nerve
D. Nguyen
- 17.40 - 18.00 Percutaneous treatment of LSS and instability
L. Manfrè
- 18.00 - 18.20 Surgical treatment of LSS and instability
G.L. Maestretti
- 18.20 - 18.40 FBSS and adjacent level diseases, imaging and intervention
R. De Leacy
- 18.40 - 19.00 Spinal Cord stimulators
A. Brook
- 19.00 - 19.20 Discussion

Thursday, June 13

Morning GRIBOI sessions

08.00 - 08.30 Opening Ceremony
Alexios C. Kelekis, Stefano Marcia, Salvatore Masala

SESSION I
MAIN ROOM

Moderators: **D. Beall, O. Clerk-Lamalice**

- 08.30 - 08.50 Injectable biomaterials in oncologic patient
A. Kelekis
- 08.50 - 09.10 Cancellous pulp and autologous bone chips injection in vertebroplasty
K. Wilhelm
- 09.10 - 09.30 Spinal infections, advanced diagnosis and new antibiotic carriers
M. Bellini
- 09.30 - 09.50 Biomechanical evaluation of cement discoplasty: a human ex vivo study
S. Ghandour
- 09.50 - 10.10 S1 Fusion
D. Nguyen
- 10.10 - 10.30 Biological cement for the vertebral augmentation historic and futures developments
G. Maestretti
- 10.30 - 10.40 Discussion
- Coffee break

SESSION II
MAIN ROOM

Moderators: **D. Filippiadis, M. Muto**

- 11.00 - 11.20 Osteoporosis and degenerative changes of the spine
O. Clerk-Lamalice
- 11.20 - 11.40 Physiopathology and medical treatment of osteoporotic disease
A. Floris
- 11.40 - 12.00 Treatment Pathway Refinement for Optimal Patient Outcomes in Treating Patients with Vertebral Compression Fractures
D. Beall
- 12.00 - 12.20 Orthopedic glues
H. Engqvist
- 12.20 - 12.40 Spinoplasty alongside the IPD implant: when and how
L. Manfrè
- 12.40 - 13.00 Discussion
- 13.00 - 14.30 Lunch

Thursday, June 13

Morning SPINE sessions

SESSION I

ROOM 2 - BONE TUMORS: IMAGING AND TREATMENT

Moderators: **R. Cioni, M. Muto**

- 08.30 - 08.50 Imaging of bone neoplasms
L. Sconfienza
- 08.50 - 09.10 Biopsies of Spine Tumors: when and how
F. Torre
- 09.10 - 09.30 RF ablation
A. Ryan
- 09.30 - 09.50 Cryoablation
C. Pusceddu
- 09.50 - 10.10 MW ablation
M. Khan
- 10.10 - 10.30 How to select among different ablative techniques
J. Jennings
- 10.30 - 10.40 Discussion
- Coffee break

SESSION II

ROOM 2 - BONE TUMORS: IMAGING AND TREATMENT

Moderators: **L. Crocetti, R. De Leacy**

- 11.00 - 11.20 What does multidisciplinary mean? The correct pathway for bone cancer patients
A. Ryan
- 11.20 - 11.40 The role of the nuclear medicine in skeletal tumours
M. Allocca
- 11.40 - 12.00 Vertebral augmentation in the treatment of MM
M. Bellini
- 12.00 - 12.20 Stent-screw-assisted internal fixation of spine malignancies
A. Cianfoni
- 12.20 - 12.30 Discussion
- 12.30 - 13.00 **KEYNOTE LECTURE:** Spine And MSK: State Of The Art of Ablation therapies
J. Jennings
- 13.00 - 14.30 Lunch

Thursday, June 13

Afternoon GRIBOI sessions

SESSION I
MAIN ROOM

Moderators: **A. Brook, J. A. Hirsch**

- 14.30 - 14.50 Calcium phosphates deposits/crystals associated to osteoarticular diseases
C. Combes
- 14.50 - 15.10 Benefits with soft bone cement in vertebral compression fractures: pre-clinical and clinical findings
M. Nilsson
- 15.10 - 15.30 Bone mineral composition
C. Drouet
- 15.30 - 15.50 Interventional pain management for discogenic pain
O. Clerk-Lamallice
- 15.50 - 16.10 Combined strew fixation and cement injection in pelvic bone metastasis: biomechanics and clinical results
F. Torre
- 16.10 - 16.30 Discussion
Coffee break

SESSION II
MAIN ROOM

Moderators: **C. Combes, M. Nilsson**

- 16.40 - 17.00 The applications of oxygen-ozone in spinal treatments
G. Pellicanò
- 17.00 - 17.20 Augmented reality
M. Van Strijen
- 17.20 - 17.40 Biomechanics of the disc
C. Zini
- 17.40 - 18.00 Intrathecal pain pump
D. Nguyen
- 18.00 - 18.20 Disc regeneration with intradiscal hydrogel
E. Piras
- 18.20 - 18.40 Stem Cell Augmentation for Regenerating Degenerative Disc Disease
D. Beall
- 18.40 - 19.00 Discussion

Thursday, June 13

Afternoon SPINE sessions

SESSION I
ROOM 2
INTERVENTIONAL ONCOLOGY

Moderators: **D. Filippiadis, A. Napoli**

- 14.30 - 14.50 Gaining recognition for Interventional Oncology
L. Crocetti
- 14.50 - 15.10 Algorithm for systemic and local treatments for bone metastases
A. Isaac
- 15.10 - 15.30 IO and/or radiation therapy: when and where
S. Marini
- 15.30 - 15.50 Literature evidence
G.P. Carrafiello
- 15.50 - 16.10 Multipurpose use of the hybrid room
F. Orsi
- 16.10 - 16.30 Discussion

Coffee break

SESSION II
ROOM 2
INTERVENTIONAL ONCOLOGY

Moderators: **A. Kelekis, M. Muto**

- 16.40 - 17.00 Advanced imaging guidance in spine procedures
D. Filippiadis
- 17.00 - 17.20 High Intensity focused Ultrasound
A. Napoli
- 17.20 - 17.40 Ablation of desmoid tumors
S. M. Tutton
- 17.40 - 18.00 Electrochemotherapy: current status and role
F. Deschamps
- 18.00 - 18.20 Thermoprotective techniques during MSK ablation
J. Jennings
- 18.20 - 18.40 Embolization of bone tumors
F. Massari
- 18.40 - 19.00 Discussion

Friday, June 14

Morning STROKE sessions

SESSION I
ROOM 2
STROKE

Moderators: **E. Pampana, L. Saba**

- 08.30 - 08.50 Imaging of vulnerable plaque
L. Saba
- 08.50 - 09.10 Ruolo della embolizzazione della MMA nella gestione del CSDH
A. Cervo
- 09.10 - 09.30 Update nel trattamento dello stroke ischemico
S. Comelli
- 09.30 - 09.50 Nuovi materiali nel trattamento degli aneurismi cerebrali
F. Massari
- 09.50 - 10.10 Modelli organizzativi nella gestione dello stroke ischemico
S. Bracco
- 10.10 - 10.30 Trends in non-focal neurological chief complaints and CT angiography utilization among adults in the emergency department
M.D. Succi
- 10.30 - 10.40 Discussion
- Coffee Break

SESSION II
ROOM 2
STROKE

Moderators: **S. Bracco, F. Massari**

- 11.00 - 11.20 Ipotensione liquorale: diagnostica e terapia
F. Giordano
- 11.20 - 11.40 Stroke in età pediatrica
A. Cervo
- 11.40 - 12.00 Il trattamento delle lesioni tandem
E. Pampana
- 12.20 - 12.40 Le nuove frontiere del trattamento endovascolare: i distali
F. Giordano
- 12.40 - 13.00 A Senior Neiman Policy Fellow looks at a policy focus of the institute: ischemic stroke
J. A. Hirsch
- 13.00 - 13.30 Discussion

Friday, June 14

Morning joint sessions

SESSION I
MAIN ROOM

Moderators: D. Beall, A. Brook, E. Piras

08.30 - 10.30 Live connection with SS Trinità Hospital

BVNA Case with Spinery device
J.A. Hirsch, S. Marcia

Coffee break

SESSION II
MAIN ROOM
GRIBOI FREE PAPERS

Moderators: O. Clerk-Lamallice, M. Nilsson

11.00 - 12.00 Oral Communications

12.00 - 13.00 GENERAL ASSEMBLY GRIBOI

13.00 Closing and remarks



FACULTY

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U.E.M.S. ACCREDITATION

Accreditation Statement

The **GRIBOI SARDINIA SPINE 2024 and STROKE JOINT MEETING**, Cagliari, Italy 12/06/2024 - 14/06/2024, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **18** European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

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12/06/2024 8.0

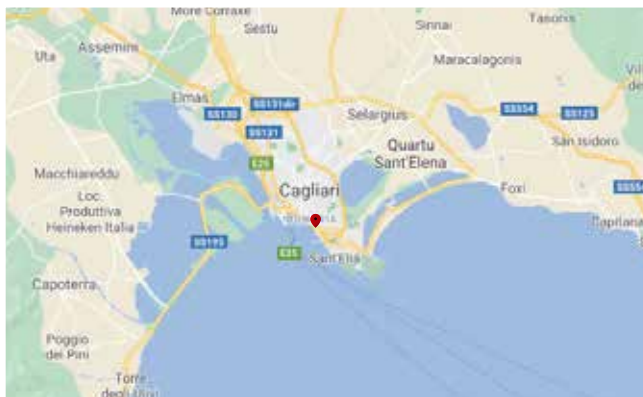
13/06/2024 8.0

14/06/2024 2.0

GENERAL INFORMATION

VENUE

Congress Centre Teatro Doglio
Via Logudoro, 32
09127 Cagliari



The registration fee includes: congress materials, certificate of attendance, access to the scientific sessions, coffee break and working breakfast.

CONGRESS SECRETARIAT

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