



TUSCANY MEETING ON SPINE AND PERIPHERAL NERVES

Diagnostic
and therapeutic
Neuroradiology



PRESIDENTS
Matteo
BELLINI

Giannantonio
PELLICANÒ

28/29/30
APRIL 2022

SIENA

Sala Italo Calvino
Palazzo Squarcialupi
Santa Maria della Scala



Scientific Coordinators

Stefano **Marcia**, Lucia **Monti**, Ernesto **Piane**,
Marzio **Formisano**, Chiara **Zini**

Dear Colleagues,

The first edition of "Tuscany Spine" starts a new tradition: diagnostics and minimally invasive procedures of the spine and peripheral nervous system focused on degenerative, traumatic, neoplastic, and infective pathology, topics covered by the "Top Players" of well-known level expertise.

Tuscany spine is an international meeting supported by prestigious scientific societies such as European Society of Neuroradiology and Italian Society of Neuroradiology. At the same time, the meeting testifies the closer cooperation with prestigious US Societies, such as the American Society of Spine Radiology and the American Society of Neuroradiology.

The main topic of our congress will be "Spine & Peripheral nerves: Diagnostic and Interventional progress". The Organizing Committee has planned this event for sharing different expertise, increasing our knowledge and endorsing multidisciplinary approach on the spine. Only exchanging information and comparing different points of view can reduce pitfalls and build collaboration.

The conference as a live meeting will be able to fulfill both scientific and social expectations through face-to-face sessions and social events.

Chairpersons and speakers will introduce hot topics in diagnostic and interventional fields proceeding from PNS to muscle skeletal pathologies.

We will be discussing innovations and controversial issues in all their aspects: spine problem caused by osteoporosis to degenerative deformities, destructive pathologies, traumas and tumors.

Scientific studies will be evaluated with the participation of high-level scientists from both Italy and different countries around the world.

Hope to meet you all from April 28th to 30th 2022 safe and healthy.

Motuo Pelini

Fisuni Felliciani

FACULTY

Giovanni Carlo **Anselmetti** (Torino, ITA)
Francisco **Ardura** (Valladolid, SPA)
Carlo **Asteggiano** (Pavia, ITA)
Stefano **Bastianello** (Pavia, ITA)
Matteo **Bellini** (Siena, ITA)
Giuseppe **Bonaldi** (Milano, ITA)
Allan **Brook** (New York, USA)
Carla **Caffarelli** (Siena, ITA)
Giovanni **Cannavacciuolo** (Siena, ITA)
Biagio **Carangelo** (Siena, ITA)
Alfonso **Cerese** (Siena, ITA)
Manuele **Chini** (Siena, ITA)
Mirco **Cosottini** (Pisa, ITA)
Salvatore **Criscuolo** (Siena, ITA)
Enrico **Fainardi** (Firenze, ITA)
Dimitrios **Filippiadis** (Atene, GRE)
Bassem A. **Georgy** (San Diego, USA)
Simonetta **Gerevini** (Bergamo, ITA)
Federica **Ginneschi** (Siena, ITA)
Stefano **Gonnelli** (Siena, ITA)
Alessandro **Gozzetti** (Siena, ITA)
Joshua A. **Hirsch** (Boston, USA)
Guido **Lazzarotti** (Pisa, ITA)
Antonio **Leone** (Roma, ITA)
Valerio **Lunghi** (Grosseto, ITA)
Manola **Maffei** (Siena, ITA)
Luigi **Manfrè** (Catania, ITA)
Stefano **Marcia** (Cagliari, ITA)
Stefano **Marini** (Cagliari, ITA)
Salvatore **Masala** (Roma, ITA)
Biagio **Mazzafera** (Siena, ITA)
Hans Jörg **Meisel** (Halle, GER)
Giuseppe **Minniti** (Siena, ITA)
Lucia **Monti** (Siena, ITA)
Mario **Muto** (Napoli, ITA)
Alessandro **Napoli** (Roma, ITA)
Cesare **Pandolfo** (Firenze, ITA)
Raffaele **Partescano** (Firenze, ITA)
Luca Jacopo **Pavan** (Nice, FRA)
Giannantonio **Pellicano'** (Firenze, ITA)
Pasquale **Petruzzi** (Arezzo, ITA)
Ernesto **Piane** (Siena, ITA)
Marco **Pileggi** (Lugano, SWI)
Emanuele **Piras** (Cagliari, ITA)
Alessandro **Rossi** (Siena, ITA)
Alessio **Spinelli** (Roma, ITA)
Alessandra **Splendiani** (L'Aquila, ITA)
Rebecca **Tinturini** (Siena, ITA)
Nila **Volpi** (Siena, ITA)
Chiara **Zini** (Firenze, ITA)

SCIENTIFIC PROGRAM

Thursday, April the 28th - Afternoon sessions

13.00 - 14.00 Registration

Welcome Message from the Authorities

Prof. Alessandro Rossi

Welcome Message from the Presidents

Matteo Bellini, Giannantonio Pellicanò

SESSION 1 Degenerative Spine Disease: Diagnostic Session

Moderators

V. Lunghi, P. Petruzzi

14.30 - 14.50 Biomechanics aspects on the degenerative spine disease **M. Muto**

14.50 - 15.10 Advanced imaging of the degenerative pathology of the disco-somatic unit: dynamic evaluation of the spine

A. Splendiani

15.10 - 15.30 Imaging & Grading classification of disc disease **C. Zini**

15.30 - 15.50 Physiopathology, classification and imaging of the central spinal canal and neuroforamina stenosis **E. Piane**

15.50 - 16.10 Advanced experimental imaging of the central spinal canal and neuroforamina stenosis **L. Monti**

16.30 - 16.40 Discussion

Coffee break

SESSION 2 Peripheral Nerve Anatomy and Pathology

Moderators

S. Bastianello, G. Lazzarotti

17.00 - 17.20 Physiopathology of neural damage in compression and traumatic neuropathy **N. Volpi**

17.20 - 17.40 Clinical and functional evaluation of peripheral nerves **F. Ginneschi**

17.40 - 18.00 Ultrasound anatomy of brachial plexus and small peripheral nerves **L. Monti**

18.00 - 18.20 Advanced evaluation of peripheral nerve of and muscle **C. Asteggiano**

18.20 - 18.40 Normal & abnormal MR evaluation of nerve plexus and peripheral nerves **S. Gerevini**

18.40 - 19.00 Discussion

Friday, April the 29th - Morning sessions

SESSION 1 Degenerative Spine Disease & Nerve Damage: Clinical and Interventional Management

Moderators

G. Bonaldi, E. Fainardi

- 08.30 - 08.50 Back pain & Radiculopathy: the pharmacological therapy and guidelines
S. Criscuolo
- 08.50 - 09.10 The role of physical therapy in the degenerative pathology of the spine & nerve root compression: indications, emb, methods and advanced technologies **M. Chini**
- 09.10 - 09.30 Steroid injections and percutaneous back pain management **A. Brook**
- 09.30 - 09.50 Percutaneous disc minimal invasive treatments: a review of advanced techniques and indications **A. Spinelli**
- 09.50 - 10.10 Stem cell allograft of the intervertebral disc: regenerating the degenerated disc
H.J. Meisel
- 10.10 - 10.30 Percutaneous treatment of central spinal canal and foramina stenosis **S. Marcia**
- 10.30 - 10.50 The Role Of O2-O3 Therapy **G. Pellicanò**
- Coffee break
- 11.10 - 11.30 Advanced minimal invasive percutaneous micro and macrofixation: when and how
L. Manfrè
- 11.30 - 11.50 Facet joint and sacroiliac joint syndrome: evidence and percutaneous treatments
B. Georgy
- 11.50 - 12.10 Us guided injections and advanced treatments in spine **M. Bellini**
- 12.10 - 12.30 Percutaneous cryoneurolysis for pain palliation: current status and future trends
D. Filippiadis
- 12.30 - 12.50 Open & percutaneous surgery in the degenerative spine disease: indications
B. Carangelo
- 12.50 - 13.10 Discussion

Lunch

Friday, April the 29th - Afternoon sessions

SESSION 2 Vertebral Traumatic and Osteoporotic Fractures

Moderators

S. Gonnelli, R. Partescano

- 14.30 - 14.50 Imaging of vertebral trauma **G. Lazzarotti**
- 14.50 - 15.10 Vertebral fractures: classification **F. Ardura**
- 15.10 - 15.30 Diagnosis of osteoporosis and clinical management: new strategies **C. Caffarelli**
- 15.30 - 15.50 How large claims based datasets fosters understanding of mortality risk for patient with VCF **J. A. Hirsch**
- 15.50 - 16.10 Bone cements in vertebral augmentation
L.J. Pavan
- 16.10 - 16.30 Discussion
- Coffee break
- 16.40 - 17.00 Vertebroplasty and Kyphoplasty: indications & level of evidence **S. Marcia**
- 17.00 - 17.30 Vertebral augmentation: comparison between different techniques **S. Masala**
- 17.30 - 17.50 Stent crew assisted (SAIF) for severe complicated osteoporotic vertebral compression fractures **M. Pileggi**
- 18.10 - 18.30 Open & percutaneous surgery in burst fractures: indications **B. Carangelo**
- 18.30 - 18.50 The PDTA in Tuscany over the vertebral fracture treatment **C. Pandolfo**
- 18.50 - 19.00 Discussion

Saturday, April the 30th - Morning sessions

SESSION 1 Complications

Moderators

F. Ardura, G. Bonaldi

08.30 - 08.45 Complication of vertebroplasty & vertebral augmentation: how to avoid

G. C. Anselmetti

08.45 - 09.00 Imaging of complications after percutaneous spinal intervention **B. Georgy**

09.00 - 09.15 Imaging of the postoperative spine

A. Cerase

09.15 - 09.30 Discussion

Coffee break

SESSION 2 Vertebral Tumors

Moderators

S. Marcia, S. Marini

09.40 - 09.55 Imaging of vertebral tumors & mets: methods, the role of contrast agents & DD **A. Leone**

09.55 - 10.10 Thermal & cryo-ablation of tumoral lesions with and without consolidation: advanced techniques and evidence **D. Filippiadis**

10.10 - 10.25 Biopsies of spine tumors: when and how **A. Brook**

10.25 - 10.40 Percutaneous treatments of vertebral mieloma **E. Piras**

10.40 - 10.55 The stent-crew assisted fixation (SAIF) in vertebral tumor lesions **M. Pileggi**

10.55 - 11.10 The role of radiation therapist: indications and level of evidence **G. Minniti**

11.10 - 11.25 The role of hematologist: indications and level of evidence **A. Gozzetti**

11.25 - 11.40 Discussion

Coffee break

Saturday, April the 30th - Morning sessions

SESSION 3 Infections

Moderators

M. Cosottini, G. Pellicanò

- 11.55 - 12.10 Imaging of vertebral infections and spondylodiscitis **C. Zini**
- 12.10 - 12.25 Biopsy in vertebral infections: when and how **M. Bellini**
- 12.25 - 12.35 Discussion

SESSION 4 The Management of the Angiography Room and of Patients for Percutaneous Treatments

Moderators

M. Maffei, C. Pandolfo

- 12.35 - 12.50 The role of anesthetist: new sedation strategies and analgesia in the “prono” patient **R. Tinturini**
- 12.50 - 13.05 Preparation of the surgical room and the positioning of the patient: the role of the nurse and of the TSRM **G. Cannavacciuolo - B. Mazzafera**
- 13.05 - 13.20 Discussion
- End of scientific work
- Take home messages:
Matteo Bellini, G. Pellicano'

GENERAL INFORMATION

Venue

Sala Italo Calvino Palazzo Squarcialupi Siena
Piazza del Duomo, 1

Registration Fee

The Registration Fee includes: congress kit, certificate of attendance, access to the scientific sessions, coffee break and working breakfast.

- AINR/SIRM/ESNR MEMBERS € 200,00 + IVA 22% (€ 244,00)
- NON MEMBERS € 400,00 + IVA 22% (€ 488,00)
- RESIDENT € 200,00 + IVA 22% (€ 244,00)

ECM Credits

Neuroradiology
Interventional Neuroradiology
Radiology
Interventional Radiology
Neurosurgery
Neurology
Anesthesia and Intensive Care
Oncology
Radiation Therapist
Radiodiagnosics
Internal Medicine
Orthopedics
Rheumatology
Phisiatry

Organization Secretariat

E&C^{srl}
eventi  congressi

E&C srl
Ph. +39 081 198 103 98 | Mob. +39 349 73 98 399
segreteria@eventiecongressi.net
www.eventiecongressi.net

THANKS TO



THANKS TO

STIMULAN®



