

4th Bologna-Budapest Spine Meeting on **TUMORS & OSTEOPOROSIS**

Stefano Boriani MD
I.R.C.C.S. Rizzoli Orthopaedic Institute
Bologna, Italy

Chairmen

Peter Pal Varga MD
National Center for Spinal Disorders
Budapest, Hungary

Final Program

Royal Hotel Carlton
Bologna, Italy
October 22nd - 24th
2015



Event code: 12920
15 European CME credits by EACCME



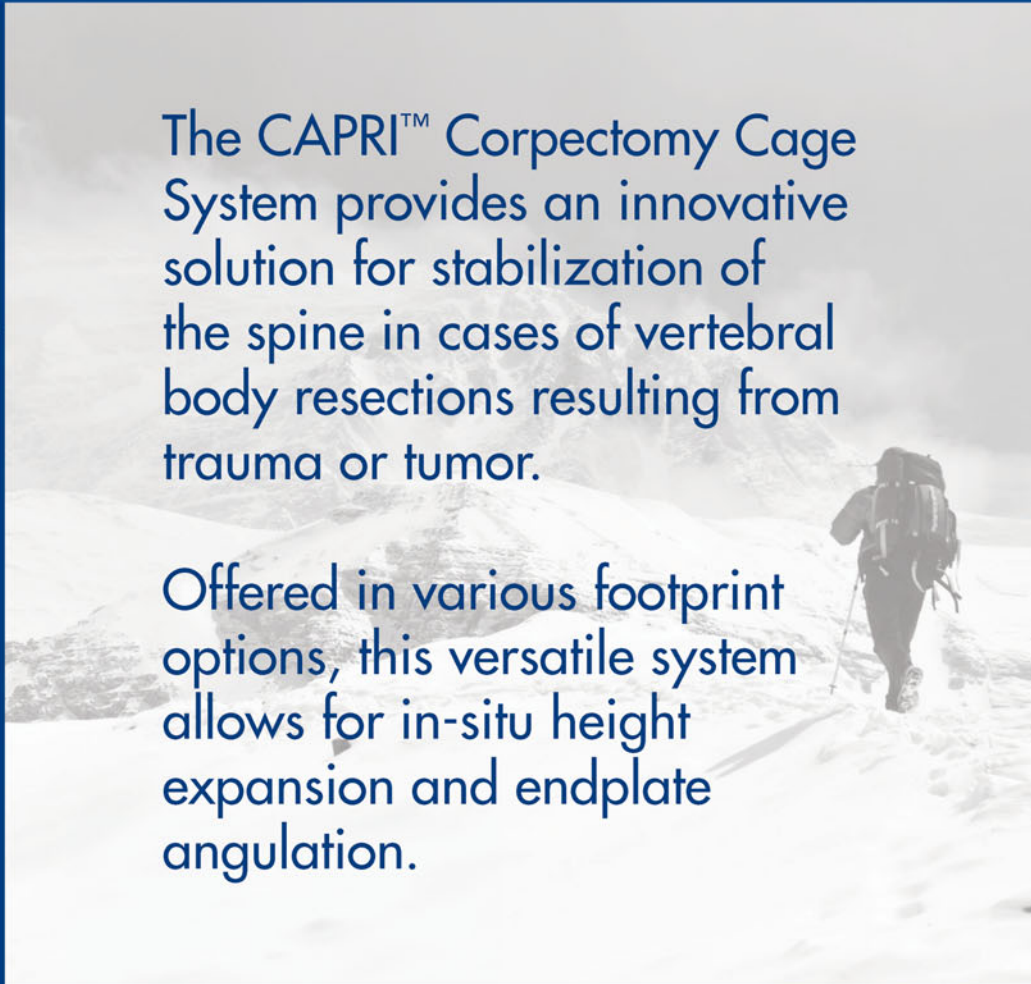
Codice evento: 1396-140683 Ed. I
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4th Bologna-Budapest Spine Meeting on **TUMORS & OSTEOPOROSIS**

Royal Hotel Carlton, **Bologna, Italy**
October 22nd-24th - 2015

Trying to confirm and maybe improve the success of previous editions, the 4th Bologna-Budapest meeting will take place in Bologna to celebrate once more the scientific collaboration and friendship between the National Center for Spinal Disorders and the Rizzoli Institute.

The format we are proposing is the same: main lectures and case discussions.

The goal is to present the most latest updates on **chordoma** and on **surgery in the elderly** based on the experience of our Centers compared and discussed directly with most of the world more expert surgeons on the topics. We expect exciting discussions as we have collected very distinguished faculty from 3 continents. They are the authors of most of the papers on these topics and the sum of their experience in this field is outstanding.

We wait friends and colleagues who want to participate to this unique opportunity to present and share experiences and take part to discussions with the top level world experts.

Stefano Boriani

and

Peter Pal Varga

Chairmen

Stefano Boriani

I.R.C.C.S. Rizzoli Orthopaedic Institute, Bologna Italy

Peter Pal Varga

National Center for Spinal Disorders, Budapest Hungary

Scientific Secretariat

Stefano Bandiera

Alessandro Gasbarrini

I.R.C.C.S. Rizzoli Orthopaedic Institute, Bologna Italy

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More details and Registration Form on
www.mymeetingsrl.com

Faculty

Emre Acaroglu	<i>Ankara, Turkey</i>	Norio Kawahara	<i>Kanazawa, Japan</i>
Massimo Balsano	<i>Santorso, VI, Italy</i>	Hans Keulen	<i>Chordoma Foundation, USA</i>
Andras Bank	<i>Budapest, Hungary</i>	Naresh Kumar	<i>Singapore</i>
Stefano Bandiera	<i>Bologna, Italy</i>	Claudio Lamartina	<i>Milano, Italy</i>
Pedro Berjano	<i>Milano, Italy</i>	Alessandro Luzzati	<i>Milano, Italy</i>
Chetan Bettegowda	<i>Baltimore, USA</i>	Yigal Mirovsky	<i>Tel Aviv, Israel</i>
Stefano Boriani	<i>Bologna, Italy</i>	Piero Picci	<i>Bologna, Italy</i>
Arpad Bozsódi	<i>Budapest, Hungary</i>	Jeremy Reynolds	<i>Oxford, United Kingdom</i>
Vittoria Colia	<i>Milano, Italy</i>	Laurence Rhines	<i>Houston, USA</i>
Péter Eltes	<i>Budapest, Hungary</i>	Marton Rónai	<i>Budapest, Hungary</i>
Maria Rosaria Fiore	<i>Pavia, Italy</i>	Arjun Sahgal	<i>Toronto, Canada</i>
Charles Fisher	<i>Vancouver, Canada</i>	Peter P. Varga	<i>Budapest, Hungary</i>
Alessandro Gasbarrini	<i>Bologna, Italy</i>	Jorrit-Jan Verlaan	<i>Utrecht, Netherlands</i>
Ziya Gokaslan	<i>Providence, USA</i>		

Active Participants

Yunus Emre Akman	<i>Istanbul, Turkey</i>	Mauro Costaglioli	<i>Cagliari, Italy</i>
Jürgen-Volker Anton	<i>Salzburg, Austria</i>	Fabrizio Cuzzocrea	<i>Pavia, Italy</i>
Lisa Babbi	<i>Bologna, Italy</i>	Luis M.S. Marques	<i>Lisbon, Portugal</i>
Ilaria Barni	<i>Firenze, Italy</i>	Elmar Musaev	<i>Moscow, Russia</i>
Barbara Cappelletto	<i>Udine, Italy</i>	Paolo D. Parchi	<i>Pisa, Italy</i>

Thursday, October 22nd, 2015

09:00 Registration and Welcome Coffee

09:30 Welcome addresses

Francesco Ripa di Meana

General Manager, Rizzoli Institute, Bologna

Erzsebet Miliczky

Hungarian Consul

Peter P. Varga

*Director of the National Center for Spinal Disorders,
Budapest*

Luca Bianciardi

Health Director of Rizzoli Institute, Bologna

Alberto Delitala

SINch President, Roma

09:45 **Session I:**
13:30 **CHORDOMA**

Chairmen: **Stefano Boriani**
Peter P. Varga

09:45 Notochordal tumors: advances in pathology
Piero Picci (Bologna, Italy)

10:00 Molecular studies associated with primary and
metastatic lesions
Chetan Bettegowda (Baltimore, USA)

10:20 Molecular targets in notochordal tumors
Árpád Bozsódi (Budapest, Hungary)

10:35 Discussion
10:55

10:55 High cervical chordomas: surgical strategy for
oncological appropriateness
Charles Fisher (Vancouver, Canada)

11:10 Enbloc resection in the cervical spine
Ziya Gokaslan (Providence, USA)

11:25 Late results of surgical treatment of chordomas
of the mobile spine
Alessandro Gasbarrini (Bologna, Italy)

11:40 Late results of surgical treatment in the
sacropelvic chordomas
Peter Pal Varga (Budapest, Hungary)

11:55 Discussion
12:15

12:15 Photon radiation for chordoma
Arjun Sahgal (Toronto, Canada)

12:25 Carbon-ions radiotherapy for chordoma:
preliminary results
Maria Rosaria Fiore (Pavia, Italy)

12:35 Carbon-ion in sacral chordomas. Early result
of prospective study
Stefano Bandiera (Bologna, Italy)

12:45 The role of medical oncology in the treatment
of chordoma
Vittoria Colia (Milano, Italy)

13:00 The decision making process from the patients'
perspective
Hans Keulen
Chordoma Foundation, USA

13:10 Discussion
13:30

13:30 Lunch break
14:30

Thursday, October 22nd, 2015

14:30
16:00

Session 2: Case Discussion 1st part • Spine Tumors

Chairmen: **Jeremy Reynolds**
Arjun Sahgal

Preoperative embolization of multiple segments for reduction intraoperative bleeding in spinal tumor surgery

Norio Kawahara (Kanazawa, Japan)

Cervical Schwannoma
Marton Rónai (Budapest, Hungary)

Huge Sacral Schwannoma
Andras Bank (Budapest, Hungary)

Metastatic Spine Tumour Surgery:
Minimally Invasive versus Open Approach
Naresh Kumar, Rishi Malhotra,
Aye Sandar Zaw, Karthikeyan Maharajan,
Pang Hung Wu (Singapore)

16:00
16:30 **Coffee break**

16:30
18:00

Session 3: Case Discussion 2nd part • Spine Tumors

Chairmen: **Chetan Bettegowda**
Alessandro Luzzati

Infection after surgical treatment of spine tumor

Norio Kawahara (Kanazawa, Japan)

Oncologic outcome following surgery for sacral chordoma: 20 years experience
Elmar Musaev, E. Sushentsov,
D. Safronov, M. Aliev (Moscow, Russia)

Evaluation of Scoring Systems in Patients with Spinal Metastasis from Nasopharyngeal Carcinoma
Naresh Kumar, Jonathan Tan,
Aye Sandar Zaw, Khin Lay Wai (Singapore)

A case of an extended cervical schwannoma in pediatric age
M. Costaglioli^o, N. Grimoldi[^], R. Messina^{*},
F. Randi^{*}, P. Sannais^o, M. Crostelli^{*}, C. Marras^{*}
(^oCagliari, ^{*}Roma, [^]Milano)

18:00 Adjourn

4th Bologna-Budapest Spine

AOSpine Symposium—Complication and Recurrence in Tumor Surgery

Friday, 23 October, 2015 – Bologna, Italy

Program Overview

Session 1: Lectures (8:00)

Chairmen: [Alessandro Gasbarrini](#) & [Laurence Rhines](#)

[Charles Fisher](#): Adverse events in spine metastases surgery

[Laurence Rhines](#): Neoplastic instability and failure of reconstruction

[Jeremy Reynolds](#): Adverse events in primary spinal tumour surgery

[Ziya Gokaslan](#): Local recurrence of spine metastases

[Chetan Bettgowda](#): The multidisciplinary approach to spine metastases: to reduce morbidity and improve outcome

[Naresh Kumar](#): The role of intraoperative cell salvage in metastatic spine tumour surgery

[Alessandro Luzzati](#): Planning and outcome of surgery of largest chordoma in the Th and lumbar spine. The limit of surgery

[Norio Kawahara](#): Spinal cord blood flow after ligation of multiple segmental arteries. Animal research and clinical experience

[Stefano Boriani](#): The morbidity of enbloc resection in the mobile spine

[Peter P. Varga](#): Complications of sacral surgery

[Arjun Sahgal](#): Radiosurgery for spinal tumors. Effectiveness and complications

[Charles Fisher](#): When Should We "Just Say No" to surgery?

Coffee Break (11:00-11:30)

Session 2: Case based panel discussion (11:30)

Tips and Tricks for Prevention and Management [Charles Fisher](#), [Ziya Gokaslan](#) & [Naresh Kumar](#)

- Intraoperative Hemorrhage
- Postoperative CSF Leak Construct Failure
- Wound failure
- Local recurrence with new neurologic deficit
- Management of precious resource in metastatic spine disease—"BLOOD"

Lunch Break (13:30-14:30)

Friday, October 23rd, 2015

14:30
16:00

Session 4: Case Discussion 1st part • Surgery in the Elderly

Chairmen: **Stefano Bandiera**
Jorrit-Jan Verlaan

Spine deformities in osteoporosis: our experience
Ilaria Barni, Stefano Romoli (Firenze, Italy)

Outcome of posterior lumbar fusion surgery for spondylolisthesis and spinal stenosis in the octogenarian population

Jürgen-Volker Anton, Santino Ottavio Tomasi, Martin Krombholz, Peter A. Winkler (Salzburg, Austria)

Elastoplasty in the treatment of vertebral body compression fractures secondary to osteogenesis imperfecta: case report

Paolo D. Parchi, Lorenzo Andreani, Gisberto Evangelisti, Enrico Bonicoli, Alessandro Lunardi, Michele Lisanti (Pisa, Italy)

A rare presentation of polyostotic fibrous dysplasia in cervical, thoracic and lumbar spine, pelvis and proximal femur

Yunus Emre Akman, Volkan Gur, Abdulhamit Misir, Engin Cetinkaya, Murat Gul, Yavuz Selim Kabukcuoglu (Istanbul, Turkey)

Preliminary experience with screw augmentation to fix the osteoporotic spine

Barbara Cappelletto, Massimo A. Trevigne, Claudio Veltri, Fabrizia Giorgiutti (Udine, Italy)

Percutaneous vertebroplasty and kyphoplastic in the treatment of osteoporotic vertebral fractures; a prospective comparison

Lisa Babbi, Giovanni Barbanti Brodano, Stefano Bandiera, Alessandro Gasbarrini, Silvia Terzi, Riccardo Ghermandi, Cristiana Griffoni, Stefano Boriani (Bologna, Italy)

16:00
16:30 *Coffee break*

16:30
18:00

Session 5: Case Discussion 2nd part • Surgery in the Elderly

Chairmen: **Emre Acaroglu**
Massimo Balsano

Percutaneous treatment of the spinal metastases: our experience

Massimo Balsano¹, Luca Boriani¹, Carlo Doria², Giulia Raffaella Mosele², Alexandros Zachos¹ (¹Santorso, VI; ²Sassari; Italy)

Outcome of surgery in cranio-vertebral junction in extreme elderly – case report and review of our experience

Luis M. S. Marques (Lisboa, Portugal)

Case Quiz

Stefano Boriani (Bologna, Italy)

Case Quiz

Alessandro Gasbarrini (Bologna, Italy)

18:00 Adjourn



Saturday, October 24th, 2015

09:00
12:00

Session 6: SURGERY IN THE ELDERLY

Chairmen: **Alessandro Gasbarrini**
Claudio Lamartina

09:00 **Keynote Lecture**

The ageing spine reconstructions with non rigid stabilization and bone cement
Peter P. Varga (Budapest, Hungary)

09:30 Complications in the treatment of spine injuries in the elderly
Jeremy Reynolds (Oxford, UK)

09:45 Mode of fusion and fixation failures of the osteoporotic spine. Possible ways to avoid it
Yigal Mirovsky (Tel Aviv, Israel)

10:00 Finding optimal screw purchase in the osteoporotic spine
Jorrit-Jan Verlaan (Utrecht, Nederland)

10:15 **Keynote Lecture**
Sagittal balance in the elderly
Pedro Berjano,
Claudio Lamartina (Milano, Italy)

10:45 When operate, when refuse
Massimo Balsano (Santorso, VI, Italy)

11:00 Specific issues in the treatment of degenerative diseases in the elderly
Emre Acaroglu (Ankara, Turkey)

11:15 Changes in 3D Geometry of the Neuroforamen due to Percutan Discoplasty
Péter Éltes, A. Lazary, P.P. Varga (Budapest, Hungary)

11:30 Management of spine infection in elderly patients, case report
Fabrizio Cuzzocrea (Pavia, Italy)

11:45
12:00 Discussion

12:00 Wrap up and Farewell to Budapest 2016
Stefano Boriani and **Peter P. Varga**

Brunch served continuatively 10:30 to 12:00

SCIENTIFIC INFORMATION

OFFICIAL LANGUAGE

The official language of the meeting is English without simultaneous translation.

AUDIOVISUAL EQUIPMENT

PC Projection (only PPT file on CD or on a memory stick, USB port or DVD) will be provided. Speakers are kindly requested to contact the Slide Center, placed inside the meeting hall, at least one hour before the presentation in order to test all the audiovisual material.

The presentation will be forwarded through Local Area Network (LAN) directly to the Podium.

The use of personal laptop (MAC/PC) is allowed directly in the meeting hall, remind the adaptor for VGA cable; the speaker must check it with the technician.

Each Speaker shall collect their technical material at the end of the session or at the latest at the end of the day.

The Organizing Secretariat accepts no responsibility for any lost audiovisual material that was not collected or left unattended.

Remember to adhere strictly to the time allotted for each intervention.

ATTENDANCE CERTIFICATE

At the end of the Meeting an attendance certificate will be given to all registered participants.

CME points for European (EACCME) and Italian (ECM) Learners

CME Accreditation has been obtained for medical surgery disciplines:

- Allergology and Clinical Immunology
- Anesthesia and Reanimation
- Diagnostic Radiology
- Neurosurgery
- Oncology
- Orthopaedic and Traumatology
- Pathological Anatomy
- Physical medicine and Rehabilitation
- Psychotherapy
- Radiotherapy



EACCME • European Accreditation Council for Continuing Medical Education

4th Bologna-Budapest Spine Meeting on Tumors & Osteoporosis

Venue: Bologna, Italy (22.–24.10.2015)

Event code: I2920

was granted **15 European CME credits** (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on **1 ECMEC** per hour with a maximum of 3 ECMECs for half a day and 6 ECMECs for a full-day event.

The '4th Bologna-Budapest Spine Meeting on Tumors & Osteoporosis' is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net

The event is designated for a maximum of 15 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category I Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section I) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.



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CME for and Italian Learners

Codice evento: I396-I40683 Ed. I

Durata dell'attività formativa: 16 ore

Assegnati n. 16 Crediti formativi per la categoria Medico-Chirurgo per le discipline sopra menzionate.

L'accreditamento è stato fatto per l'intero evento in un'unica soluzione per un massimo di 100 partecipanti.

I crediti formativi saranno certificati dal **Provider My Meeting N. 1396** secondo le Normative della CNFC pubblicate sul sito www.agenas.it

L'attestato conferente i crediti formativi assegnati all'evento sarà inviato all'indirizzo privato con posta PEC soltanto ai partecipanti che avranno frequentato l'intero percorso formativo (100% del monte ore) e riconsegnato le schede di valutazione e il test di apprendimento debitamente compilati con il raggiungimento del 75% delle risposte esatte.

GENERAL INFORMATION



VENUE

ROYAL HOTEL CARLTON

Via Montebello, 8 – 40121 Bologna • Italy - Ph. +39 051 249361

<http://www.royalhotelcarltonbologna.com>

Main distance

Bologna airport 'G. Marconi' 7 km • Railway station 600 mt
Tangenziale exit 7 Fair/Fiera 3 Km

REGISTRATION FEES (VAT included)

Regular € 300,00

Residents and Trainees* € 100,00

Company Staff* € 120,00

**Proof must be provided by the Director of Program*

**In addition to those included in the sponsorship agreement*

The Regular and Residents and Trainees registration fee includes:

- Attendance to all Scientific Sessions
- Entrance to the exhibition area
- Attendance Certificate
- Badge and Meeting Kit
- Food & Beverage provided by program

The Company Staff registration fee includes:

- Entrance to the exhibition area
- Food & Beverage provided by program

For Italian participants only

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In caso di richiesta di emissione di fattura nei confronti di enti esenti IVA, quali ad esempio A.S.L. o Aziende Ospedaliere, il partecipante dovrà farne richiesta al momento dell'invio della scheda di iscrizione, barrando l'apposita casella.

La ASL/A.O. è tenuta a inviare a My Meeting, contestualmente alla scheda di iscrizione, i dati necessari all'emissione della fattura elettronica (codice univoco) e a effettuare il pagamento della quota ESENTE IVA vista fattura.

Una volta emesse le fatture non potranno essere modificate.

CANCELLATION POLICY

No refunds will be made for cancellations.

Notification of cancellation or substitutions must be made in written to the Organizing Secretariat.

HOTEL ACCOMMODATION

On the occasion of the meeting have been provided special rates for participants at the Meeting Venue ROYAL HOTEL CARLTON.

Agreed rates per room, per night, including breakfast and VAT 10%

Double room single use € 139,00*

Double room € 169,00**

**excluded City Tax € 5,00 per person per night DUS room to be paid at check in*

***excluded City Tax € 3,00 per person per night DOUBLE room to be paid at check in*

INSURANCE

Registration fees do not include insurance of any kind. It is strongly recommended that any time you register for the Meeting and book your travel you take out an insurance policy of your choice. The Organizing Secretariat cannot take any responsibility for any Participant failing to arrange their own insurance. This insurance is to be purchased in your country of origin.

VISA

Some participants may need an entry VISA for Italy. Participants are requested to consult the Italian Embassy or Consulate in their home country or with their travel agency for specific details relating to visa requirements. It is the responsibility of the participant to obtain a visa if required. For more information see the web site of the Italian Ministry of Foreign Affairs: http://www.esteri.it/visti/index_eng.asp

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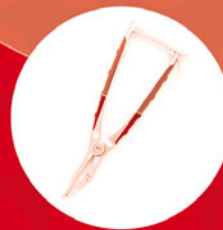


**Organizing Secretariat
and Provider ECM n° 1396**



My Meeting S.r.l.

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