Vertebral Augmentation Techniques: From Vertebroplasty to Stentoplasty – Hands-On Course
March 15-16, 2012 AMTS (Akademie für Medizinisches Training und Simulation) Luzern, Switzerland

Application for CIRSE Members only!
Get a 750 EUR refund for travel and hotel expenses for the Hands-On Course in co-operation with Synthes.

Course Convener: Ch. Binkert (CH)

Promotion Text:

Percutaneous vertebroplasty is a novel technique in which acrylic cement is injected through a needle into a collapsed or weakened vertebra to stabilise the fracture. This procedure is effective for treating certain types of painful vertebral compression fractures and some painful or unstable benign and malignant vertebral lesions that fail to respond to the conservative therapies.

Kyphoplasty is an adaptation of vertebroplasty. High pressure balloons are inserted into the vertebral bodies and enable the creation of a cavity into which cement can be safely injected.

Stentoplasty is a further adaptation of vertebroplasty and kyphoplasty. It is a new technique recently developed that involves placing a metal stent (cage) within the collapsed vertebral body and then expanding this to try and enable some height restoration before filling that cavity created with cement.

This hands-on course will give an insight into the principles and techniques of these procedures. It will start with a theoretical introduction and a brief review of the principles and indications. This will be followed by a hands-on demonstration. Participants will then have the opportunity to practice needle placement, cement preparation and injection on plastic spine models under fluoroscopic guidance.

Learning Objectives:

- To review the various techniques of vertebral body augmentation and discuss their advantages and limitations
- To review and describe in detail the technique and image guidance
- To discuss patient selection, materials and cement overview
- To practice needle placement, cement preparation and injection on plastic spine models under fluoroscopic guidance

This initiative is kindly supported by
Requirements for Interventional Radiologists from Europe:

CIRSE Members only!

In order to be eligible for the course you need to be a CIRSE member and fulfill the following criteria:

- European Board certified Radiologist
- Delegate must have already performed a Vertebroplasty / Skeletal Intervention

Interventional Radiologists interested in attending this course are requested to apply by registering through the CIRSE website (www.cirse.org). We kindly ask you to arrange flight and hotel accommodation by yourself but you will be reimbursed against original invoices afterwards (max. of 750 EUR per person). The course is limited to 10 participants, early application is therefore recommended.

Thursday, March 15, 2012

13:00-13:15 Welcome & Introduction
13:15-14:15 Spinal fracture, incidence, pathology and treatment options. Vertebroplasty, Kyphoplasty and stentoplasty (Ch. Binkert/CH)
14:15-15:15 Patient selection, materials on overview and cement, literature review and debate on vertebral augmentation (P. Heini/CH)
15:15-15:45 Coffee Break
15:45-16:45 Vertebral augmentation and stentoplasty: Technique and image guidance (A. Gangi/FR)
17:00-18:00 Case discussion (participants are required to bring along cases)
20:00 Dinner

Friday, March 16, 2012

09:00-11:00 Hands-On Sessions (in 2 operating rooms)
11:00-11:30 Coffee Break
11:30-13:30 Hands-On Sessions (in 2 operating rooms)
13:30-14:30 Lunch
14:30-15:30 Cases
15:30-16:00 Conclusions, evaluations and ESIR voluntary test
LECTURE DETAILS

Spinal fracture, incidence, pathology and treatment options. Vertebroplasty, Kyphoplasty and stentoplasty
Ch. Binkert (CH)

- to become familiar with the AO classification of vertebral fractures
- to learn about the role of imaging before vertebral augmentation
- to become familiar with the different vertebral augmentation techniques: vertebroplasty, kyphoplasty and stentoplasty
- to learn about clinical outcome

Patient selection, materials on overview and cement, literature review and debate on vertebral augmentation
P. Heini (CH)

Vertebral augmentation and stentoplasty: Technique and image guidance
A. Gangi (FR)

- The best approach root for vertebral augmentation
- The best imaging modalities for vertebral augmentation
- The technical overview of vertebral augmentation from vertebroplasty to stentoplasty
GENERAL INFORMATION

Venue:
AMTS - Akademie für Medizinisches Training und Simulation
Luzerner Kantonsspital
6000 Luzern 16
Telefon: +41 (0) 41 228 82 00
Fax: +41 (0) 41 228 82 30
info@amts.ch
http://www.amts.ch/

Registration:
Interventional Radiologists interested to attend this course are requested to apply by registering through the CIRSE website (www.cirse.org) or the attached registration form. All applications must include a short CV and motivation letter.
- All applications will be reviewed.
- Once the application has been accepted flight and hotel accommodation have to be arranged by the participant himself and will be reimbursed against original invoices of a maximum of 750 EUR per person.

CME Accreditation:
ESIR courses are accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. Each medical specialist should claim only those credits that he/she actually spent in the educational activity.
The EACCME is an institution of the European Union of Medical Specialists (UEMS, www.uems.be).
European School of Interventional Radiology
Registration Form 2012 – Institute Course

Please tick the appropriate box for the course chosen.

- [ ] Vertebral Augmentation Techniques: From Vertebroplasty to Stentoplasty – Hands-On Course
- [ ] Lucerne (CH), March 15-16, 2012

Please complete legibly and send by email to the CIRSE Central Office.

- [ ] I need an invitation letter for visa application
- [ ] Female □ Male
- [ ] Prof. / Dr. / Mr. / Mrs. / Ms. (please indicate)

Family Name: ........................................ First Name: ..........................................................

Institution: .................................................................................................................................

Street / no: .................................................................................................................................

City: ........................................ Zip Code: ....................... Country: ........................................

Phone: ........................................ Fax: ..........................................................

Email: .................................................................................................................................

Please send your CV and a motivation letter (why you want to attend this course). Travel and hotel (up to 750 Euro) will be sponsored by SYNTHES. You are kindly asked to submit your documents as soon as possible, as places are limited.

Please tick:

- [ ] I confirm that I:
  - [ ] am a European Board certified Radiologist
  - [ ] have already performed a Vertebroplasty / Skeletal Intervention

Registration Fees (fees refer to one course)

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<th>Early Registration Fees</th>
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<tr>
<td>(= until January 27th, 2012)</td>
<td>EUR 250</td>
<td>EUR 350</td>
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*To be accompanied by a confirmation of this status signed by the Head of Department. Please fax the confirmation within 5 days after your registration to +43 (0)1 904 2003 30.
European School of Interventional Radiology
Registration Form 2012 – Institute Course

Payment

☐ Bank Transfer

IBAN: AT832011128564548000
BIC: GIBAATWW
Bank Name: Die ERSTE Bank (20111)
Account Name: The CIRSE Foundation
Please indicate: First Name, Last Name, Course

Please note that registrants are responsible for any bank charges that may occur. If the amount transferred to the CIRSE Foundation account does not correspond to the amount stated on the registration form, your registration will be regarded as incomplete. Please note that your registration becomes valid only after receipt of payment before the applicable deadline and after confirmation by the CIRSE Central Office.

☐ Credit Card

☐ Visa ☐ Euro / MasterCard

Credit Card no.: ………………. / ………………. / ………………. / ……………….     CVV2 Code: ……………………     Expiry Date: …… / ……

Card holder’s name: ...............................................................................     Card holder’s signature: ..............................................................................................

Date: .................................................................................................     Signature: ........................................................................................................