



KBVR • SRBR

2018 'Bone Curriculum' Symposium

Friday 2 & Saturday 3 March 2018

Pre-Symposium Courses

Thursday 1 & Friday 2 March 2018

**Organised by the KBVR / SRBR
Osteoporosis and Fracture Prevention Group**

Hotel Dolce La Hulpe, Brussels

8 hrs Radioprotection Full Course
(as required for the FANC / AFCN authorisation
for the use of bone densitometry devices)

Thursday, 1 March 2018

**Pre-Symposium Radioprotection
Refresher Course for Bone
Densitometry Users**

Friday, 2 March 2018

**Pre-Symposium Course
on Rare Bone Diseases**

Friday, 2 March 2018

Bone Curriculum Symposium
Friday, 2 & Saturday, 3 March 2018

Preliminary Programme

Organiser

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Venue

Hotel Dolce La Hulpe Brussels
135, Chaussée de Bruxelles
B-1310 La Hulpe
www.dolce-la-hulpe-brussels-hotel.com

Welcome Address

Dear Colleagues,

We are delighted to invite you to the 2018 Bone Curriculum Symposium organised by the KBVR / SRBR Osteoporosis and Fracture Prevention Group at La Hulpe on 2 - 3 March 2018.

The bone curriculum is a structured lecture cycle on bone, from bench to bedside. It includes calcium and phosphate metabolism, bone biology, physiology, pathophysiology, and disorders, osteoporosis, epidemiology, diagnosis, management and treatment. Further, interactions of the skeleton with the neurological and muscular system as well as fracture and fall risk are in the scope.

A lecture cycle is covered within three consecutive yearly symposia. The bone curriculum course certificate is accredited to participants of three symposia.

The intention of the bone curriculum is to provide high quality continuous education for clinicians of all specialities interested in, seeing or treating patients with osteoporosis and / or bone diseases. Is also a dedicated educational programme for rheumatology and other bone-interested trainees. The lectures mainly cover up-to-date basic knowledge, overviews and reviews. Interactive participation is encouraged.

8 hrs radioprotection full courses, required to obtain the permission to perform bone densitometry with DXA, are organised every 3 years. In 2018 the course will take place on 1 March.

A Radioprotection Refresher Course for Bone Densitometry Users is offered yearly as a 2 hrs pre-symposium programme. For the prolongation of the permission by FANC / AFCN to perform bone densitometry with DXA, 1 hour within 5 years is minimally required. Next to the FANC / AFCN requirements, the course addresses technical and clinical aspects of DXA and vertebral fracture assessment.

Since 2017 a Pre-Symposium Course on Rare Bone Diseases is presented. There is a clear need to spread general knowledge about rare diseases throughout the medical community. The course intends to provide general information on various rare bone diseases to bone interested second-line clinicians and is also intended to be an educational and exchange platform for dedicated bone specialists.

After the success of the previous symposia we are pleased to invite you to the 2018 event.

We look forward to meeting you at the 2018 Bone Curriculum Symposium!

With best regards,

On behalf of the KBVR / SRBR Osteoporosis and Fracture Prevention Group

Dr. Stefaan Poriau MD, Chair
Dr. Hans-Georg Zmierczak MD PhD, Scientific Organiser of the Symposium

Preliminary Programme - Thursday, 1 March 2018

8 Hours Radioprotection Full Course

As required to obtain the FANC / AFCN authorization for the use of bone densitometry devices

- 08.00 Registration
- 08.30 **Introduction: Overview of bone densitometry methods**
Stefaan Poriau (AZ Zeno Knokke, B)
- 09.15 **Pitfalls In bone densitometry**
Herman Borghs (UZ Leuven, B)
- 10.00 **X-rays characteristics for imaging and radioprotection**
Klaus Bacher (Ghent University, B)
- 11.00 Coffee Break
- 11.30 **Factors affecting the biological effects of X-rays - Risk of X-ray exposure in pregnancy**
Hubert Thierens (Ghent University, B)
- 12.30 **Dose and risk assessment in radiation protection**
Klaus Bacher (Ghent University, B)
- 13.30 Lunch
- 14.30 **DXA compared to other medical application X-rays: Radiation burden of patients and practitioners**
Klaus Bacher (Ghent University, B)
- 15.30 **Long-term health effects of low dose exposure: Cancer risk?**
Hubert Thierens (Ghent University, B)
- 16.30 Coffee Break
- 16.45 **Overview of legislative measures related to medical X-ray exposures**
Katrien Van Slambrouck (FANC/AFCN, B)
- 17.15 Radioprotection Examination – Multiple choice test
- 18.15 Adjourn

Preliminary Programme - Friday, 2 March 2018

Pre-Symposium Courses

Radioprotection 2 Hours Refresher Course for Bone Densitometry Users

Objective: To provide continuous education required to obtain the prolongation of the FANC / AFCN authorisation to perform bone densitometry with DXA devices

Faculty: Piet Geusens, Frank Luyten, Stefaan Poriau

- 09.00 Registration
- 09.30 **Radioprotection for bone densitometry users – Theoretical and practical issues**
Stefaan Poriau (AZ Zeno Knokke, B)
- 10.00 **Pitfalls of DXA measurements**
Herman Borghs (UZ Leuven, B)
- 10.30 Coffee Break
- 11.00 **Vertebral fracture assessment – 2018 update**
Piet Geusens (Maastricht University, NL, Hasselt University, B, ReumaClinic Genk, B)
- 11.30 **Discuss your case: Participants are invited to present and discuss clinical cases**
Faculty, Frank Luyten, UZ KU Leuven, B
- 12.00 End of the Course and Lunch

Preliminary Programme - Friday, 2 March 2018

Pre-Symposium Course on Rare Bone Diseases

- 09.00 Registration
- 09.10 Welcome and introduction
- 09.15 **Osteogenesis imperfecta**
Nick Bishop (University of Sheffield, Sheffield's Children Hospital, UK)
- 09.45 **Achondroplasia**
Geert Mortier (University Hospital Antwerp, B)
- 10.15 **Orthopaedic interventions in osteogenesis imperfecta and other rare bone fragility diseases**
Frank Plasschaert (Ghent University Hospital, B)
- 10.45 Coffee Break
- 11.00 **Hypophosphataemia**
Hans Zmierzak (Ghent University, B)
- 11.30 **McCune Albright Syndrome – Fibrous dysplasia**
Natasha Appelman-Dijkstra (LUMC Leiden, NL)
- 12.00 End of the rare bone diseases sessions and lunch

Case Reports

Participants are invited to submit case reports before **1 February 2018** to hansgeorg.zmierzak@ugent.be. Three cases will be selected for presentation.
Format of submission: WORD or PDF, maximum 1 A4 page, font Arial or Calibri, size 12 or PowerPoint, maximum 10 slides.

Preliminary Programme - Friday, 2 March 2018

Bone Curriculum

General Principles, Bone Biology Basics and Clinical Lectures

- 13.00 Welcome and introduction
- 13.05 **How bone is organised (anatomy, structure, composition)**
Tim Arnett (University College London, UK)
- 13.30 **Bone, from embryo to disease - The molecular way**
Przemko Tylzanowski (KU Leuven, B)
- 14.00 **Calcium, phosphate and magnesium metabolism**
Nick Bishop (University of Sheffield, Sheffield's Children Hospital, UK)
- 14.30 **Brain, nerves and bone**
Chantal Chenu (Royal Veterinary College, London, UK)
- 15.00 Coffee Break
- 15.30 **Bone mechanics, bone strength and beyond**
Tim Arnett (University College London, UK)
- 16.00 **Overview on calcium metabolism disorders**
Hans Zmierzak (Ghent University, B)
- 16.30 **Complex regional pain syndrome**
Chantal Chenu (Royal Veterinary College, London, UK)
- 17.00 Coffee Break

Bone Curriculum

Evening Lecture, Update on Therapeutics and Case Reports

- 17.30 **Muscle, nerves, bone, falls and fractures**
Martin Runge (Geriatric Centre, Esslingen, D)
- 18.00 **Update on therapeutics: Teriparatide – Vero study**
Piet Geusens (Maastricht University, NL, Hasselt University, B, ReumaClinic Genk, B)
- 18.30 **Rare cases of bone fragility or disorders (3 case reports)**
- 19.00 End of day 1 lectures
- 19.30 Welcome Reception
- 20.00 Dinner followed by an "Open Bar"

Preliminary Programme - Saturday, 3 March 2018

Bone Curriculum and Update on Therapeutics

- 09.00 **Glucocorticoids and bone**
Willem Lems (VU University Medical Center, Amsterdam, NL)
- 09.30 **CRISPR-Cas9 - How does it work ? Can it change life on earth completely?***
Paul Coucke (Ghent University, B)
- 10.00 **CRISPR-Cas9 and other genomic manipulations – Friend or foe?***
Herman Nys (KU Leuven, B)
- 10.30 **Fracture prevention recommendations**
Speaker to be announced
- 11.00 **Coffee Break**
- 11.30 **Update on pharmacological long term treatment of osteoporosis**
Willem Lems (VU University Medical Center, Amsterdam, NL)
- 12.00 **Update on therapeutics: Romosozumab**
Natasha Appelman-Dijkstra (LUMC Leiden, NL)
- 12.30 **Update on therapeutics**
Speaker to be announced
- 13.00 **Lunch and end of the Symposium**

**RIZIV/INAMI application for ethics and economy accreditation submitted*

Registration

Registration Fees

Pre-Symposium Courses

8 hrs Radioprotection full course - Members KBVR-SRBR*	€ 60,00
8 hrs Radioprotection full course - Non-Members	€ 100,00
Radioprotection refresher course	€ 50,00
Pre-Symposium course on rare bone diseases only	€ 50,00
Symposium (includes course on rare bone diseases)	
Members KBVR-SRBR	€ 90,00
Non-Members	€ 120,00
Trainees**	€ 50,00
Co-Workers (Dept. Rheumatology)**	€ 50,00
Evening Dinner on Friday	€ 50,00

**The member fee also applies to participants employed by a KBVR-SRBR member.*

***Please upload the proof of your status during the online registration process.*

The registration fee for the Symposium includes access to all lectures, the course on rare bone diseases, coffee breaks and lunches as indicated in the programme, the welcome reception on Friday and access to the exhibition.

How to register

The online registration form is available here: www.symposium-osteoporosis.org

Payment

- By bank transfer:
Account Name: Medicongress Services
IBAN: BE25 1239 9370 1782
BIC: CTBKBEBX
Bank: Beobank
Bank address: Waterloostraat 16, 1000 Brussel
- By credit card: VISA and MasterCard payments are accepted.

Cancellations

Participants cancelling their registration before 1 February 2018 will receive a 50% refund, covering administration costs.

Hotel Accommodation

Rooms can be booked at special group rates for the 2018 Symposium. Together with your registration confirmation, you will receive a link to make your online hotel reservation.

Single room (incl. breakfast)	€ 150,00
Double room (incl. breakfast)	€ 180,00
City tax per person, per night	€ 1,27

Room reservations cannot be guaranteed after 15 February 2018.

Parking

There is a large free parking in front of the hotel.

Exhibition

A medical exhibition will be held on the occasion of the Symposium. Access is free for registered participants. The exhibition is not accessible for non-MDs.

Liability

Neither the organisers, nor Medicongress accept liability for damages and/or losses of any kind which may be incurred by participants during the Symposium. Participants and exhibitors are advised to take out insurance against loss, accidents or damage which could be incurred during the Symposium.