

DXA RADIOPROTECTION COURSE

Refresher course & full course with examination

Programme

Saturday 15 November 2025
Brussels, Belgium



Rheuma.be
PROFESSIONAL



Belgian Bone Club

www.dxa-radioprotection-course.org

Welcome Address

Dear Colleagues,

We take great pleasure in inviting you to the **DXA Radioprotection Course**, which will take place in Brussels on Saturday **15 November 2025**. This Course is co-organised by the Belgian Bone Club and the KBVR/SRBR Osteoporosis and Fracture Prevention Group.

As you will know, the regulation concerning radioprotection for bone densitometry has changed in 2016. In order to obtain the prolongation of the permission by the FANC/AFCN to perform bone densitometry with DXA devices, a 1,5 hour refresher course within 5 years is the minimum requirement (Part 1 of the programme). The regulations to obtain the initial permission to perform bone densitometry with DXA have not changed: an 8-hour radioprotection course, followed by an exam, is required (Part 1 & 2 of the programme).

The BBC and the KBVR are pleased to offer a **1,5-hour refresher course** and an **8-hour full course** on Saturday 15 November. The 8-hour course will be concluded by an examination, which participants have to pass in order to obtain the FANC/AFCN permission to perform bone densitometry. The refresher course is covered by part 1. The 8-hour full course is covered by part 1 and part 2 of the programme.

Apart from the specific FANC/AFCN requirements, the course will address technical and clinical aspects of DXA and vertebral fracture assessment.

We look forward to welcoming you to the DXA Radioprotection Course 2025!

With our very best regards,
On behalf of the Belgian Bone Club and the KBVR/SRBR Osteoporosis and Fracture Prevention Group

Prof. Dr. Stefan Goemaere and Prof. Olivier Malaise
Chairs

08.30 **Registration**

Part 1 Refresher & Full course

08.55 **Welcome and introduction**

Stefan Goemaere

09.00 **Why to use bone densitometry**

Olivier Malaise (CHU Liège)

09.30 **Radiation protection essentials**

Klaus Bacher / Ans Baeyens (UGent)

10.00 **Overview of legislative measures related to medical X-ray exposures**

Michael Dupont, FANC/AFCN

10.30 **Coffee break**

Part 2 Full course

10.45 **Overview of bone densitometry methods**

Stefan Goemaere (UZ Gent)

11.15 **Pitfalls in Bone Densitometry by DXA**

Roel Vandecappelle (UZ Gent)

11.45 **X-rays characteristics for imaging and radioprotection**

Klaus Bacher (UGent)

12.30 **Biological effects of X-rays**

Ans Baeyens (UGent)

13.30 **Sandwich Lunch**

- 14.00 **Dose and risk assessment in radiation protection**
Klaus Bacher (UGent)
- 14.45 **Health effects of low dose exposure**
Ans Baeyens (UGent)
- 15.30 **DXA compared to other medical application X-rays:
Radiation burden of patients and practitioners**
Klaus Bacher (UGent)
- 16.15 **Coffee break**
- 16.30 **Health risks of X-rays exposure in pregnancy and
childhood**
Ans Baeyens (UGent)
- 17.15 **Radioprotection examination - Multiple choice test**
- 18.15 End of the Full Course

Registration Fees

1,5 hours Refresher Course only

Member KBVR-SRBR	€ 60,00
Member BBC	€ 60,00
Non Member	€ 125,00

8 hours Full Course

Member KBVR-SRBR	€ 125,00
Member BBC	€ 125,00
Non Member	€ 250,00
Medical/Surgical specialisation trainees*	Free

*Medical and/or Surgical specialisation trainees will need to upload proof of trainee status.

Registration

Registration is possible via [this link](http://www.dxa-radioprotection-course.org) or through the Course website: www.dxa-radioprotection-course.org.

Cancellations

Participants canceling their registration before 1 November 2025, will receive a 50% refund, covering administration costs. There will be no refunds for cancellations received after this date. Cancellations must be confirmed in writing to the Organising Secretariat.

Venue

Auditorium P. Bastenie

Entry: Rue Haute 322 / Hoogstraat 322
1000 Brussels

The forum is located on the left side of the central courtyard when entering by the porch 'rue Haute'.