

Advanced 3D diagnostics

As CBCT technology continues to revolutionize radiology, the importance of image manipulation and proper 3D diagnostics is set to further increase. Get the most out of your CBCT investment by attending this advanced course on 3D imaging and diagnostics.

Helsinki

2,5
days16 CE
credits€ 1500
+VAT

Course objectives

- Understand the aspects that influence image quality
- Learn advanced image manipulation and practice analysis with exercises related to implantology, orthodontics and endodontics
- Gain knowledge in advanced head and neck diagnostics

Course schedule

2,5 days with 16 hours of lectures and hands-on training
1,5 ECTS credits (European Credit Transfer System) or
16 CE credits (Continuing education)

Day 1

(Lectures and hands-on):

- CBCT integration in clinical practices
- How to acquire adequate CBCT images
- Patient dose vs. image quality
- Hands-on: influence of exposure parameters on image quality
- Hands-on: how to assure image quality
- European guidelines on CBCT use, selection criteria of clinical indications
- Technological and exposure parameters. Influence on different diagnostic cases
- Case series on exposure parameter and quality assurance
- Software analysis exercises

Day 2

(Lectures and hands-on):

- Advanced image manipulation: 3D objects, segmentation and MPR reconstructions for specific diagnostic cases
- Advanced analysis exercises for implants (Optical scan fusion), for Orthodontics (3D models and segmentation), and for endodontics
- Advanced head and neck diagnostics using CBCT: reporting on advanced cases
- Pathology examples and exercises

Day 3 (half day)

(hands-on):

- Hands-on training with Planmeca specialists

Lecturers

- **Dr. Bart Vandenberghe**
DDS, MSc, PhD (University of Leuven, Belgium)
- Hands-on: **Erkki Hiltunen** or **Antti Airisto**
Dental X-Ray Product Managers (Planmeca, Finland)

Venue

Planmeca Digital Academy Training Center
Asentajankatu 6
FIN-00880 Helsinki, Finland

Target group

- International dentists and radiologist with previous experience in 3D imaging
- We recommend that participants complete NIDE's introductory course *3D Imaging and diagnostics* before attending the advanced course.
- The course will be carried out in English

Side Program

- Seasonal side program
- Voluntary visit to Planmeca's headquarters and factory

Course fee

The price for the course is 1,500€ + value added tax (24%) if applicable. The price includes lectures and training, materials, lunches and refreshments. The side program during the course is voluntary and complimentary. Please note that travel and hotel costs are not included.

For further information and registration, please contact:

Elli Abdou
Training Coordinator, NIDE
Tel. +358 20 779 5101
elli.abdou(at)nordicdented.com