

3D imaging and diagnostics

20-21 January, 2020 – Planmeca Digital Academy Training Center, Helsinki

Lecturers: Dr. Bart Vandenberghe – 3D hands-on support: Erkki Hiltunen

Monday, 20 January

- 8:30** Transfer from the hotel to the training center
- 9:00-9:30** Welcome, coffee, introductions
- 9:30-10:45** Principles of dental imaging
2D and 3D imaging in dentistry
- 10:45-12:30** Basic dental anatomy revisited
+ 3D anatomy (+ exercises)
3D image analysis: introduction
- 12:30-13:30** Lunch break
- 13:30-15:00** CBCT and 3D image analysis
Diagnostic applications of CBCT
Basic dental pathology examples and
software considerations
- 15:00-15:15** Coffee break
- 15:15-16:30** Small, Medium & Large field-of-view CBCT
Principles of use, dosimetry and
radioprotection exercises (imaging protocols)
- 16:30** Wrap-up, Q & A
- 17:00** Departure to the Harbo Lounge seaside villa
in Eastern Helsinki. Possibility to try sauna.
Buffet dinner with Finnish delicacies.
- 21:00** Transfer from Harbo Lounge to the hotel

Tuesday, 21 January

- 8:30** Transfer from the hotel to the training center
- 9:00-10:45** Interpretation principles in radiology
2D vs. 3D interpretation
3D anatomic considerations
- 10:45-11:00** Coffee break
- 11:00-12:30** 3D image manipulation and planning
Diagnostic considerations different specialist needs
- 12:30-13:45** Lunch break and factory tour at Planmeca
- 13:45-15:15** CBCT diagnostics: indications and pathology
Pathology examples and exercises
- 15:15-15:30** Coffee break
- 15:30-16:30** Advanced image analyses: 3D manipulation
3D visualization techniques
Artifacts: practical considerations
- 16:30-17:00** Wrap-up, Questions & Answers
Certifications
- 17:00** Transfer to Helsinki city center

All times are local times in Finland. The training center is located about 10 kilometers from the hotel so please bring all the belongings that you might need during the day with you in the morning.

The time zone is Eastern European Summer Time GMT +3. Please try to be punctual with the times to avoid making the rest of the group wait.

The sauna facilities have towels, swimming suits and shampoo available, but you can also bring your own swimming suit.

NIDE Team contacts

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