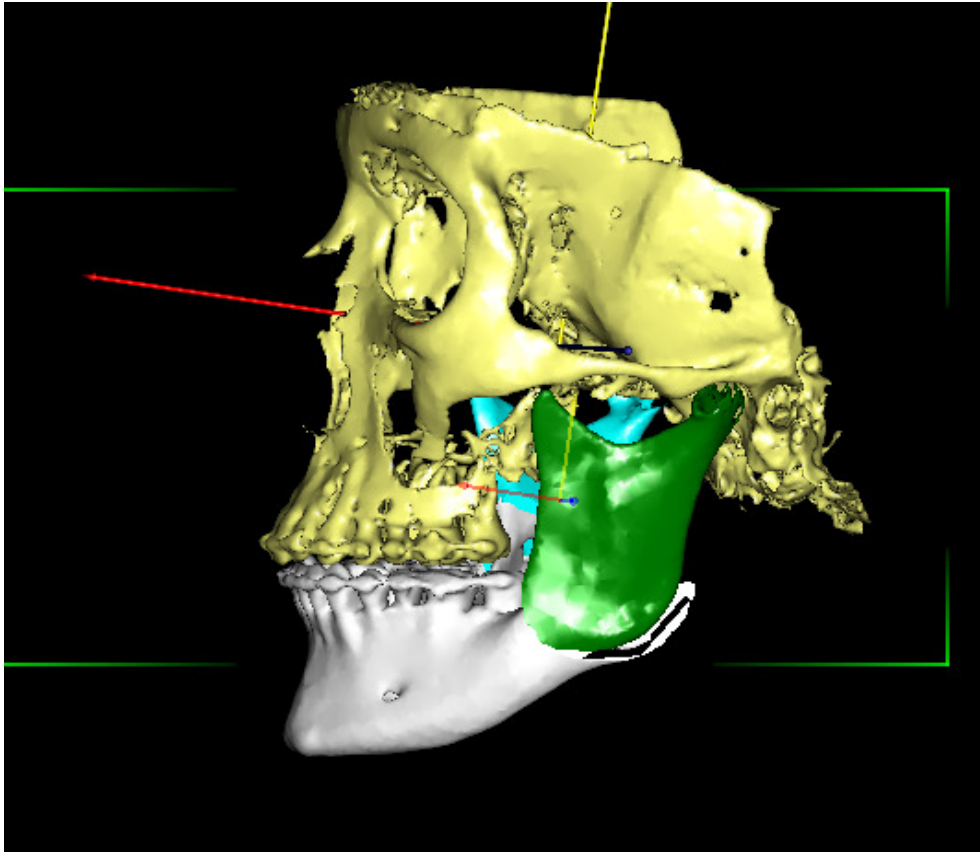


ORTHOGNATHIC SURGERY

from the 29th to the 31th of May 2024

Preliminary program



**Hands-on course for
Oral and Maxillofacial Surgeons and Orthodontists**

Department of Oral and Maxillofacial Surgery
Aarhus University Hospital
Entrance J, J206
Palle Juul-Jensens Blvd. 165
DK • 8200 Aarhus N



ORTHOGNATHIC SURGERY

from the 29th to the 31th of May 2024

Hands-on course for Oral and Maxillofacial Surgeons and Orthodontists

The aim of this three-day course is to demonstrate the importance of a close collaboration and understanding between the oral and maxillofacial surgeon and the orthodontist in the matter of diagnosis, treatment planning and performance of treatment of patients with growth abnormalities.

The maximum number of participants is limited to 12 to ensure optimal conditions for dialogue and demonstrations.

Description

The course includes

- Surgical demonstrations (hands-on) on orthognathic surgical patients including conventional orthognathic surgery and distraction osteogenesis (5-6 patients)
- Chairside demonstration on patients during different stages of treatment in our in-house orthodontic clinic
- Orthodontic surgical planning sessions including 3D virtual planning
- Visitation of patients referred for orthognathic surgical treatment (3-4 patients each day)
- Lectures on selected relevant topics; 2-4 hours each afternoon.

Faculty

Thomas Klit Pedersen, DDS, PhD, Professor, Head of Orthodontic Clinic (TKP)

Sven Erik Nørholt, DDS, PhD, Professor, Consultant surgeon (SEN)

Jytte Buhl, DDS, Consultant surgeon (JBU)

Johan Blomlöf, DDS, PhD, Docent, Consultant surgeon (JBL)

Malene Helleberg, DDS, Consultant surgeon (MH)

Susanne Herskind, DDS Orthodontist (SH)

Marianne Mortensen, DDS Orthodontist (MM)

Annelise Küseler, DDS Orthodontist (AK)

Nicoline Hjort Larsen, 3D engineer, PhD-student (NHL)

Mohammedreza Sefidroodi, DDS, resident in orthodontics (MS)

Inleel Lundgård Shino, DDS, resident in maxillofacial surgery (ILS)

Course venue

Department of Oral and Maxillofacial Surgery

Aarhus University Hospital

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DK • 8200 Aarhus N

Chair Martin Dahl

Course secretary Charlotte Wilsky

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Preliminary Program

Wednesday, 29th of May

08.00 - 08.15 Welcome, Coffee & bread

08.15 - 09.00 Case presentation of surgical patients. Introduction to routine hygiene procedures

09.00 - 13.00 Surgery: 2 orthognathic surgical cases

Orthodontic clinic:

- Patients, Surgical planning
- Orthognathic surgical visitation
- Preparation for surgery Virtual set-up

13.00 - 13.30 Lunch

Lectures:

13.30 - 14.00 Orthognathic surgery: Benefits for the patients, indications and collaboration between the orthodontic and surgical specialties

14.00 - 14.15 Discussion - break

14.15 - 15.00 Orthognathic surgery I - Indications, comprehensive planning and registration

15.00 - 15.15 Discussion - break

Lectures:

15.15 - 16.00 Orthognathic surgery II - Surgical technique, surgery first

16.00 - 16.45 Orthognathic surgery III – Complications

16.45 - 17.00 Discussion

17.00 - 18.00 Welcome reception

Coffee served during discussion/break

Thursday, 30th of May

08.00 – 09.00 Coffee & bread. Case presentation surgical cases
Osseodistraction in orthognathic surgery – Maxilla

09.00 - 13.00 Surgery: 2 orthognathic surgical cases
Orthodontic clinic:

- Patients
- Orthognathic surgical visitation
- Virtual planning

13.00 - 13.30 Lunch

Lectures:

13.30 - 13.50 Osseodistraction in orthognathic surgery – Mandible

13.50 - 14.10 Osseodistraction in orthognathic surgery – Mandible

14.10 - 14.30 Discussion - break

Lectures:

14.30 – 15.00 3D data for surgical planning

15.00 - 15.30 Robotic surgery

15.30 – 15.45 Discussion – Break

15.45 - 16.15 Aligners in orthognathic surgery

16.15 - Discussion

Coffee served during discussion/break

18.30 Dinner at Restaurant

Friday, 31th of May

08.00 - 09.00 Coffee & bread. Presentation of surgical patients
Blood loss in orthognathic surgical procedures

09.00 - 12.30 Surgery: 2 orthognathic surgical cases
Orthodontic clinic:

- Patients
- Virtual planning

12.30 - 13.00 Lunch

Lectures:

13.00 - 13.30 Virtual surgical planning – Surgical guides and auxiliaries for bone alignment

13.30 - 14.00 Pathology of the TMJ – Management and consequences

14.00 - 14.15 Discussion - break

14.15 - 14.30 Evaluation

Coffee served during discussion/break