

EAO Diploma in Implant Dentistry

3-year part-time



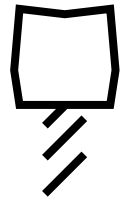
Live Learning Events

Each module includes a three-day on-site training element and combines hands-on elements, lectures, practicals and live surgery, hosted at some of Europe's most prestigious universities.

Module 1 (Straightforward) Autumn	Malmö University Course leader: Andreas Stavropoulos Posterior single unit, short and extended, edentulous space; low aesthetic risk, sufficient bone volume
Module 2 (Straightforward) Spring	Groningen University Course leaders: Gerry Raghoobar & Henny Meijer Edentulous arches; overdenture restoration on 2 and 4 implants
Module 3 (Advanced) Autumn	University of Frankfurt Course leaders: Frank Schwarz & Robert Sader Posterior single and multiple tooth replacement, short edentulous space, full edentulism, moderate aesthetic risk, insufficient bone volume
Module 4 (Advanced) Spring	University of Zurich Course leaders: Christoph Hämmerle & Ronald Jung Aesthetic zone single unit; short and extended edentulous space; horizontal deficiencies; simultaneous grafting in conjunction with soft tissue grafts (GBR); immediate placement with low aesthetic risk
Module 5 (Complex) Autumn	Universidad Complutense de Madrid Course leader: Mariano Sanz Aesthetic zone: immediate placement, damaged wall/augmentation; immediate loading of single units, short/extended/edentulous cases
Module 6 (Complex) Spring	School of Dental Medicine, Lisbon Course leader: Joao Carames Aesthetic zone: immediate placement, severe horizontal/vertical deficiencies; single unit; short and extended edentulous space; secondary implant placement after grafting

Module content

Straightforward



Seminar 1

Posterior single unit: short and extended edentulous space (2–3 implants); low aesthetic risk; sufficient bone volume

Basics/theory

- history
- bone physiology
- osseointegration
- dental implant surfaces
- dental implant design
- medical history/systemic and oral diseases
- how to prepare a case presentation
- intraoral photography

Planning/seminar

- differential therapeutic considerations (perio, endodontics)
- periodontal status
- bone evaluation
- minimum bone dimensions
- soft tissue conditions
- study casts
- wax up
- surgical guides
- case presentations

Implant surgery

- preparation for surgery (biosafety)
- incision lines
- drilling protocol
- placement in relation to adjacent teeth
- bone quality
- primary stability
- management of complications
- abutment connection

Restorative/perio/DT

- prosthetic components
- screw retained vs. cemented
- occlusion in posterior implant borne restorations
- interarch space
- shaping of restorations
- hygiene issues
- maintenance
- management of mechanical complications

Seminar 2

Edentulous arches: overdenture restoration on 2 and 4 implants

Basics/theory

- changes of oral tissues in fully edentulous patients
- biomechanics and implant positioning in edentulous jaws

Planning/seminar

- vertical and horizontal interarch relationship
- bone and soft tissue evaluation
- wax up
- surgical guides
- case presentations

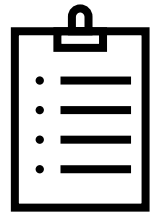
Implant surgery

- use of mucosa and bone borne surgical guides
- management of potential anatomical risks (mental foramen, sublingual grooves, sinus floor)
- soft tissue management/abutment connection

Restorative/perio/DT

- overdenture treatment
- bars, clips, locators
- hygiene measures
- maintenance
- management of prosthodontic complications

Module content



Advanced

Seminar 3

Posterior single unit: Short and extended edentulous space; full edentulism (low aesthetic risk); horizontal deficiencies; simultaneous grafting (GBR)

Basics/theory

- defect classifications
- biomaterials
- barrier membranes

Planning/seminar

- defect history
- bone and soft tissue evaluation
- study casts
- wax up
- surgical guides
- case presentations

Implant surgery

- incision lines
- handling of biomaterials and barrier membranes
- alveolar bone splitting
- limited sinus lift lateral/transalveolar in conjunction with implant placement
- soft tissue coverage
- management of complications

Restorative/perio/DT

- fixed bridge in edentulous patients
- prosthodontic concepts on 6–8 implants
- occlusion in fixed full arch restorations
- hygiene aspects
- maintenance
- management of occlusal/mechanical complications

Seminar 4

Aesthetic zone single unit: Short and extended edentulous space; horizontal deficiencies, simultaneous grafting (GBR); immediate placement with low aesthetic risk

Basics/theory

- aesthetic considerations of dental restorations
- socket healing
- timing of implant placement after extraction
- socket/ridge preservation

Planning/seminar

- profile/lip line evaluation
- periodontal tissue evaluation
- 3D bone evaluation
- study casts
- wax up
- surgical guides

Implant surgery

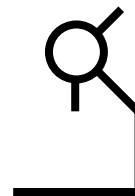
- placement/vertical/horizontal position
- incision lines
- soft tissue management in areas of augmentation
- management of complications
- immediate placement in posterior areas with intact socket walls

Restorative/perio/DT

- prosthodontic aspects in aesthetic restorations
- number of implants
- fixed bridge vs. single crowns
- occlusion in the aesthetic zone

Module content

Complex



Seminar 5

Aesthetic zone: Immediate placement; damaged wall/ augmentation; immediate loading of single units; short/extended/ edentulous cases

Basics/theory

- preconditions for immediate loading
- loading protocols
- marginal bone/soft tissue reactions
- soft tissue management

Planning/seminar

- 3D planning
- surgical guides
- relevance of vertical/horizontal positioning
- CAD/CAM for immediate restoration

Implant surgery

- implant placement in damaged sockets
- simultaneous augmentation
- soft tissue management and coverage
- management of complications

Restorative/perio/DT

- integration of immediate restorations
- work flow and management
- occlusal adjustments
- provisional and definite restorations on immediately placed implants
- maintenance
- management of complications

Seminar 6

Severe horizontal/vertical deficiencies: Single unit; short and extended edentulous space; secondary implant placement after grafting

Basics/theory

- anatomical changes due to atrophy in maxilla and mandible
- harvesting areas for bone grafts
- bone graft healing

Planning/seminar

- periodontal evaluation
- bone evaluation
- 3D planning
- soft tissue evaluation
- interarch relationship
- study casts
- avoiding bone grafts (short implants, zygoma implants)
- placement of zygoma implants

Implant surgery

- incision lines/flap design
- recipient site preparation
- graft procurement and adaptation, graft fixation
- extended sinus floor augmentation
- soft tissue management and coverage
- management of complications
- removal of fixation screws
- secondary implant placement
- temporary implants

Restorative/perio/DT

- vertical and horizontal dimensions of restorations
- management of soft tissue problems
- provisional restorations on temporary implants
- prosthodontic concepts without grafting (short implants)
- restorations on zygoma implants