

## Curriculum Implantology programme

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# 24<sup>th</sup> Curriculum Implantology

The BDIZ EDI Curriculum Implantology is a must for beginners—but not only. BDIZ EDI offers profound basic training in oral implantology in cooperation with the University of Cologne, which stands out for the great emphasis it places on hands-on exercises. Due to the pandemic, training units will be held as online events as the flow and content of the Curriculum permit. The sophisticated hygiene concept and social-distancing rules practised by the University of Cologne, with participants divided into small groups in terms of time and space, aim to ensure health and safety during classroom events.

Training modules completed elsewhere than with BDIZ EDI can be integrated into the Curriculum Implantology if their scientific character is recognised.

Benefits include:

- Top-quality instruction
- Small group sizes (maximum attendance: 20–25)
- Affordable fees

Participants will be guided through all eight modules by the Cologne team (Prof. Dr Dr Joachim E. Zöller; Prof. Dr Hans-Joachim Nickenig, MSc; Prof. Dr Dr Matthias Kreppel; Heidi Krumbach; Brigitte Nötzel).

Up-to-date scripts for each module ensure that the common thread is never lost. Each module is designed to systematically build on previous modules. Curriculum participants will receive a complex and comprehensive implantological package to assist them in their future practical work. It ranges from simple standard protocols to 3D-supported augmentation techniques within modern implant prosthetics and maintenance care and also includes complication management.

In keeping with the in-service part-time nature of the Curriculum modules, some presentations that address theoretical aspects of the Curriculum will be

held in the form of interactive webinars. Workshops and comparable sessions, by contrast, will always be held face-to-face.

## Easy to get started

To ensure easy access to oral implantology as a whole, coverage will be very broad—deliberately including even seemingly self-evident aspects such as protocols, different implant systems, required instrument sets, simple and advanced diagnostics and implant-prosthetic restorative concepts.

The accompanying workshops facilitate subsequent implant surgical and prosthetic training. In addition to the scheduled live surgeries, and following previous joint preparation, implant surgery may be performed on patients presented by participants by one of the Cologne-based speakers, assisted by the participant who introduced the case. To complement the learning results, participant cases will regularly be presented within the group. Towards the end of the Curriculum, the techniques acquired will be practised on human specimens.

The integration of current topics and treatment methods (3D-supported sur-

gery, surgical templates, Integration of 3D printing and digital impressions, bone preparation using ultrasound, CAD/CAM technology for bone regeneration, etc.) round off the practical benefits of the Curriculum Implantology. For the final examination, candidates are expected to present and discuss two surgical and/or prosthetic cases.

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## Info

### Course schedule:

1<sup>st</sup> day: Friday,  
2:00 p.m. to 6:30 p.m.  
2<sup>nd</sup> day: Saturday,  
8:00 a.m. to 5:00 p.m.

The 24<sup>th</sup> Curriculum will be in German language only. If you are interested in equivalent training, please contact our office:

### BDIZ EDI office

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# The eight modules of the BDIZ EDI Curriculum Implantology

## Module 1

14–15 October 2022

### Fundamentals of oral implantology

Joachim E. Zöller, Hans-Joachim Nickenig

- Anatomy and histology of the stomatognathic system
- General diagnostics in oral implantology
- Patient education
- Cologne ABC Risk Score

+ External presenters:

*Thomas Weischer: Complications and legal aspects in oral implantology*

*Christian Berger: Infection control and documentation; German standard schedule of fees for private patients (GOZ)*

## Module 2

2–3 December 2022

### Indications, diagnosis and treatment planning

Joachim E. Zöller, Hans-Joachim Nickenig, Matthias Kreppel

- High-risk patients and monitoring
- Description of indications
- Avoiding malpositioning
- Patients with coagulation disorders

+ Workshop I:

*Surgical and prosthetic protocols "implant system"*

+ External presenter:

*Peter U. Gehrke: Prosthetic treatment concepts based on implants I + II*

## Module 3

10–11 February 2023

### Implant systems, instruments, advanced diagnosis

Joachim E. Zöller, Hans-Joachim Nickenig

- Diagnostic tomography
- Fundamentals of 3D diagnostics
- Surgical templates/guide sleeves
- Choice of implants Comparison of implant systems

+ Workshop II:

*3D workshop with interactive planning  
Demonstration of various instrument sets*

*Case presentations by participants I*

## Module 4

24–25 March 2023

### Implant prosthetics I and minimally invasive surgery

Joachim E. Zöller, Hans-Joachim Nickenig, Matthias Kreppel

- State-of-the-art in tooth extraction
- Implant prosthetics (instruments, impressions, abutments)
- Minimally invasive procedures (flapless surgery, 3D bone splitting, sinus floor elevation)
- Emergencies in the dental practice

+ Workshop III:

*Surgical and prosthetic protocols  
Instrument sets*

*Modified bone splitting using Piezosurgery (mectron)*

*Case presentations by participants II*

## Module 5

12–13 May 2023

### Augmentation I: Regional bone augmentation

Joachim E. Zöller, Hans-Joachim Nickenig

- Unfavourable biomechanics vs augmentation
- Immediate implant placement
- Sinus floor elevation

+ Workshop IV:

*Sinus floor elevation training on models and animal specimens  
Exercise in customised bone regeneration*

+ External presenters:

*Stefan Reinhardt: Special augmentation techniques and complication management*

*Martin Bonsmann: Sinus floor elevation—indications and complications*

*P. Marke: Customised Bone Regeneration*

*Case presentations by participants III*

## Module 6

16–17 June 2023

### Implant prosthetics II and soft-tissue management

Joachim E. Zöller, Hans-Joachim Nickenig

- Antibiotic therapy
- Implant re-entry and soft-tissue corrections
- Implant prosthetics II: Teeth and implants
- Implant prosthetics III: Removable restorations

+ Workshop V:

*Hard- and soft-tissue management—Exercises on porcine jaws*

+ External presenter:

*Arndt Happe: Soft-tissue techniques, part I and II, for augmentation, implantation and exposure*

*Case presentations by participants IV*

*Written examination*

## Module 7

30 June–1 July 2023

### Augmentation II: Bone grafting and distraction

Joachim E. Zöller, Hans-Joachim Nickenig

- Iliac-crest transplants
- Fundamentals and results of distraction osteogenesis
- Implant prosthetics in the anterior region

+ Practical exercises on human specimens; practical training of the acquired surgical techniques

+ External presenter:

*Jörg Neugebauer: Angulated implants—fundamentals and results of iliac crest augmentation and nerve lateralisation*

*Case presentations by participants V*

## Module 8

14–15 July 2023

### Recall—Coping with complications—Future perspectives

Joachim E. Zöller, Hans-Joachim Nickenig, Matthias Kreppel

- Recall
- Peri-implantitis therapy
- Oral implantologists in court
- Ceramic coating of implants

+ External presenter:

*Helmut Steveling: Short implants—scientific principles and clinical long-term results—5 years of clinical experience with profile implants*

## Final exam

## Curriculum info on the web

The BDIZ EDI website has more information about the curriculum:  
[www.bdizedi.org/en/curriculum-implantology/](http://www.bdizedi.org/en/curriculum-implantology/)