



## Implant Prosthetics in the Digital Era of Dentistry

Dr. Ragai Edward Matta DMD, PhD  
MDT Judith Kropfeld

18<sup>th</sup> – 19<sup>th</sup> October 2024  
MedentiTEC  
Calw, Germany

**EDUCATION-DAYS**

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# General Course Information

## Date:

Friday – Saturday

18<sup>th</sup> to 19<sup>th</sup> October 2024

Course Fee 850 € (incl. 2 hotel nights and food, excl. VAT)

## Course location:

MEDENTITEC  
Im Interkom 32  
Calw, Germany



DR. RAGAI EDWARD MATTA  
DMD, PHD

## Employment History

research associate, **University Clinic, Erlangen**

MARCH 2010-MAY 2015: Dental Clinic 2, Dental Prosthodontic

academic advice, **University Clinic, Erlangen**

MARCH 2014-JUNE 2016: Dental Clinic 2, Dental Prosthodontic

scientific head, **University Clinic, Erlangen**

JUNE 2015- PRESENT: Dental Clinic 2, Dental Prosthodontic

**Academic Senior Councillor, University Clinic, Erlangen**

March 2019- PRESENT: Dental Clinic 2, Dental Prosthodontic

**University Clinic, Erlangen**

FEBRUARY 2017- PRESENT: Establishment of the Digital Dentistry Curricula

“Part I: Tooth-supported restorations”

“Part II: Implant-supported restorations”

## Education

**Friedrich Alexander University Erlangen-Nuremberg**

OCTOBER 2004 - JULY 2009: Study of dentistry

**Friedrich Alexander University Erlangen-Nuremberg**

MARCH 2010- JULY 2012: Doctorate (Dr. med. dent.) at the Dental Clinic 2 Dental Prosthodontics of the University Hospital Erlangen (Prof. Dr. M. Wichmann);

Grade “magna cum laude”

**Friedrich Alexander University Erlangen-Nuremberg**

MARCH 2010- PRESENT: Extensive knowledge of different three-dimensional optical measurement methods through numerous seminars and many years of application

**Friedrich Alexander University Erlangen-Nuremberg**

MAY 2019: Obtaining the authorization to teach (Venia Legendi) in the subject of dentistry and oral and maxillofacial surgery with the topic of optical 3D measurement methods in digital dentistry

## Awards

**2015 DGI (German Society for Implantology)**

Conference Award for work on the topics of

1. The influence of soft tissue on the three-dimensional accuracy of CBCT and CT images.

2. Influence of exposure time on the accuracy of three-dimensional CBCT Models.

**2018 AG Ceramics ( Germany Group of Dentalceramic)** Research Award 2018 on the topic of

In vivo long-term performance of single-tooth ceramic crowns a 7-year study with digital evaluation concept



MDT JUDITH KROPFELD

## Employment History

- Since 01/2023: Associate Dentist and Research Associate, Department of Prosthetic Dentistry, University Hospital Erlangen
- 05/2021 - 12/2022: Master dental technician and Student assistant, Department of Prosthetic Dentistry and Department of Conservative Dentistry and Periodontology, University Hospital Erlangen
- 2017 - 2022: Master dental technician at a practice laboratory, Dr. Kropfeld, Röttenbach
- 2014 - 2016: Dental Technician in various dental laboratories and dental practices

## Education and Qualifications

- 11/2022: Diploma in General Dental Practice, Friedrich-Alexander-University Erlangen-Nuremberg
- 2017 - 2022: Study of Dentistry, Friedrich-Alexander-University Erlangen-Nuremberg
- 2016 - 2017: Master degree in Dental Technician and CAD-/CAM-/CNC-Specialist, Gewerbe Akademie Freiburg
- 2011 - 2014: Dual vocational training in Dental Technology, Dietzel & Rösch Dental GmbH, Forchheim

## Additional Experience

- Lecturer in Anatomy and Orthodontics, Chamber of Crafts, Nuremberg
- Author for the professional dental journal „Zahntechnik Magazin“, Spitta GmbH
- Jury member of the Klaus Kanter Foundation



## Hotel information:

Hotel Therme Bad Teinach  
Otto-Neidhart-Allee 5,  
75385 Bad Teinach-Zavelstein  
Germany

Once you book the course, a hotel room will be automatically reserved for you from 17th till 19th of October 2024.

If you need more night, please contact: [reservierung@hotel-therm-teinach.de](mailto:reservierung@hotel-therm-teinach.de)

# Day 01

Friday, 18<sup>th</sup> October 2024



Lecture



Workshop

## Course content

In the realm of implant dentistry, successful outcomes are not solely dependent on implant planning but also heavily influenced by implant prosthodontics. Several factors come into play, including the choice of implant material, its shape, the abutment material, and even the prosthetic material, all of which have a substantial impact on clinical results. Advanced CAD/CAM materials offer a wide range of prosthetic options. In today's digital age, digital technology allows for chairside solutions that can be an efficient and cost-effective choice for both patients and practices. Within the digital curriculum for implant prosthodontics, the following topics are explored:

- Exploring the diverse implant geometries for various applications and the connections between implants and abutments and how they affect therapy success.
- Digital impressions: Examining the innovations and challenges associated with this technology.
- Understanding the digital workflow in implant prosthetic care.
- Evaluating the applications and limitations of new materials in the CAD/CAM field.
- Delving into the use of 3D printing technology in implant care.
- Chairside and labside technologies: Exploring the boundaries of one technology and the opportunities presented by the other.

Day 1	Lead	Format	Duration	Time
Implant Shape and the Implant-Abutment Connection	Dr. Ragai Matta MDT Judith Kropfeld		45 min	09:00-09:45
Factors Affecting the Precision of IOS Implant Impressions	Ragai Matta		45 min	10:00-11:00
Coffee break	all		15 min	11:00-11:15
Interactive Training on Intraoral Scanning in Various Scenarios	Dr. Ragai Matta MDT Judith Kropfeld		120 min	11:15-13:15
Lunch Break	all		45 min	13:15-14:00
Chairside as a Viable Choice for Individual Implant Treatment	Dr. Ragai Matta		45 min	14:00-14:45
Hands-on Exercise on the Fabrication of Chairside Single-Implant Restorations	Dr. Ragai Matta MDT Judith Kropfeld		120 min	15:00-17:00



# Day 02

Saturday, 19<sup>th</sup> October 2024



Lecture



Workshop

Day 2	Lead	Format	Duration	Time
CAD/CAM Materials and Their Application Scope in Implant Dentistry	MDT Judith Kropfeld		45 min	09:00-09:45
Utilizing 3D Printing in Implant Prosthetics	Dr. Ragai Matta MDT Judith Kropfeld		45 min	10:00-10:45
Coffee break	all		15 min	10:45-11:00
Interactive Workshop on IOS Scanning for Edentulous Jaws	Dr. Ragai Matta MDT Judith Kropfeld		120 min	11:00-13:00
Lunch break	all		60 min	13:00-14:00
Cemented vs. Screw-Retained Approaches in Implant Restorations	MDT Judith Kropfeld		45 min	14:00-14:30
Interactive Workshops on Chairside Restoration Coloring and Placement	Dr. Ragai Matta MDT Judith Kropfeld		120 min	14:45-17:00

## Terms and conditions

### 1. fees

Course prices are listed per delegate and include all tuition fees, use of equipment and all course materials as well as lunch and refreshments, dinner and accommodation. Course costs do not include travel or other non-tuition related costs except stated otherwise. Please be aware: VAT or applicable taxes are not included in all instances except stated otherwise.

### 2. registration policy

Registrations are taken on a first come, first serve basis. Registrations are not considered final until payment is received. Your registration will be confirmed by mail/email within two weeks of receipt. Partial payment cannot be accepted unless indicated within the course programme. A telephone or email reservation accompanied by a credit/debit card payment indicates that you accept the terms & conditions of booking.

### 3. cancellation policy

In the event of cancellation by a delegate, cancellation fees will be due as set out below: 30 days or more prior to course commencement, full refund of course fee.

15 – 29 days prior to course commencement 50 % refund of course fee

0 – 14 days prior to course commencement no refund of course fee

All cancellations must be submitted in writing to the dedicated course owner as indicated in the course programme.

### 4. in the event of cancellation by MEDENTiKA®

Course dates can change. MEDENTiKA® reserves the right to cancel courses. Course fees paid will be refunded in full.

### 5. our liability to you

In no event shall we be responsible to you for any loss of profit, loss of earnings, loss of anticipated savings, loss of revenue or loss of goodwill that you may suffer.

Further in no event shall we be liable to you for any indirect or consequential loss that you may suffer. Our maximum aggregate liability to you for any claim that you may have against us shall be limited to the amount of course fees as laid out in the cancellation policy.



**REGISTER NOW: [SKILL](#)**

For questions about registration and organization  
MEDENTiKA® GmbH / Gül Sahiner

[education@medentika.de](mailto:education@medentika.de)



»» Passion for  
Precision ««

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