

Aim and Content of the Course

Block I – Raising of the following flaps

- Personal step by step raising of the most important flaps for head and neck reconstruction in cadavers
- Conditions for flap raising and dissection will be similar to those of the living human body due to the fixation technique of the cadavers by the method according to Prof. Thiel (Austria) and the innovative perfusion technique developed by Prof. Wolff
- Indications and examples for surgical applications are demonstrated
- The advantages and disadvantages of various free flaps are discussed

Block II Microsurgical Exercise

- Introduction to the instruments and technical aspects of microsurgical suturing
- Cadaveric and in vivo training (Wistar rats)
- Performing the anastomoses of nine free flaps in human cadavers and learning their individual advantages and disadvantages concerning pedicle length and vessel diameter
- Learn how to transfer free flaps to the head & neck recipient area
- Discussion of and practice with microneurosurgical techniques
- Demonstration of the use of microanastomotic coupling device
- Discussion of flap monitoring techniques

The aim is to encourage beginners to start with microsurgical procedures as an additional option in their patients care. Advanced surgeons can enlarge their technical scope. The course is therefore designed for surgeons with both basic and advanced levels of experience.



To work and operate can also be fun. We can only be excellent if we love what we do and do so with a joyful heart.

www.mkg.ukaachen.de

Organisation and Registration



Course Chairman

**Univ.-Prof. Dr. Dr. F. Hölzle, MD DDS PhD
FEBOMFS**

Head of Department of Oral and Maxillofacial Surgery
Executive Officer EACMFS
Executive Officer UEMS OMFS (EU)



Senior Course Chairman

Univ.-Prof. Dr. Dr. K.-D. Wolff MD DDS PhD

Head of Department of Oral and Maxillofacial Surgery
Technical University Munich,
Klinikum rechts der Isar
Past President EACMFS



Course Chairman

**Mr. D. A. Mitchell
MBBS BDS FDSRCS (Glasg)
FDSRCS (Eng) FRCS (Ed)
FRCS (Eng) FRCS (OMFS)**

Consultant Oral and Maxillofacial/
Head and Neck Surgery
former Editor BJOMS



Course Chairman

**Professor Anastasios Kanatas FRCS (Eng), MD,
SFHEA**

Professor/Consultant Head and Neck Surgeon
St James Institute of Oncology, Leeds, UK

Course Secretaries

Ruth Lennartz / Alina Hilgers

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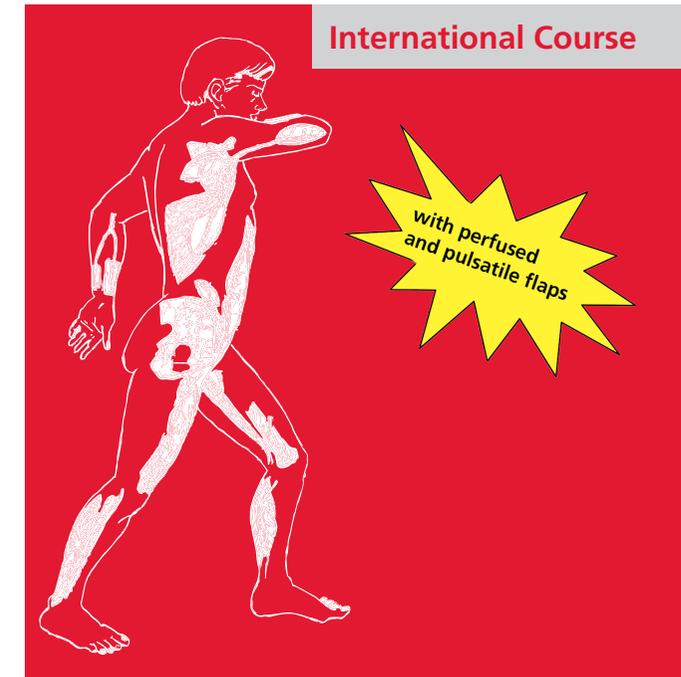
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**UNIKLINIK
RWTHAACHEN**

Department of Oral and
Maxillofacial Surgery



**98th International Course
for Flap Raising & Microsurgery
10th March – 19th March 2027**



Technische Universität München

Date

Block I Anatomical Course for Flap Raising

Wednesday 10th March until Friday 12th March 2027

Block II Microsurgical Exercise Course

Monday 15th March until Friday 19th March 2027

Strictly limited number of participants

Course Language

English

Textbook and DVD-ROM „Raising of Microvascular Flaps, 4th Ed.“ by K.-D. Wolff & F. Hölzle available on the course.

Location

KAFFZ, Institute of Anatomy

Ruhr-Universität Bochum

Universitätsstraße 150

Building MA, 44801 Bochum, Germany

Accommodation

A list of hotels can be requested below
mkg-chirurgie@ukaachen.de

Course Fee

Block I: 2.000 Euro

Block II: 2.500 Euro

Block I and II: 4.500 Euro

Registration required in advance

We only require 50% of course fee to be paid on registration and the remaining 50% until 15th January 2027 to the following bank account:

RWTH Aachen/Prof. Hölzle, Sparkasse Aachen

BIC: AACSDE33 - IBAN: DE53390500001070938897

Please indicate: „**98th Course Bochum**“

Programme

Block I – Raising of the following flaps

Wednesday, 10th March, 09:00 a.m. – 06:00 p.m.

- Radial forearm flap
- Upper lateral arm flap
- Anterolateral thigh / vastus lateralis flap

Thursday, 11th March, 09:00 a.m. – 06:00 p.m.

- Latissimus dorsi flap
- Osteocutaneous scapula flap
- Fibula flap

Friday, 12th March, 09:00 a.m. – 06:00 p.m.

- Iliac crest flap
- Rectus abdominis flap
- Pectoralis major pedicled flap and simultaneous deltopectoral flap

Block II Microsurgical Exercise

Monday, 15th March, 09:00 a.m. – 06:00 p.m.

- Introduction
- Microscope, instruments and suture material
- Technical aspects: Micro-preparation and suture techniques
- Training on suturing models
- Introduction of „end to end“ techniques
- Cadaveric training: Vessels and nerves of the chicken

Tuesday, 16th March, 09:00 a.m. – 06:00 p.m.

- Performing the anastomoses (arteries and veins) of multiple free flaps in human cadavers
- Learning the individual advantages and disadvantages concerning pedicle length and vessel diameter of multiple free flaps

Wednesday, 17th March, 09:00 a.m. – 06:00 p.m.

- Anaesthesia and dissection of rats
- Introduction of „end to end“ techniques in perfused vessels
- In vivo training on the carotid artery of the rat
- In vivo training on the femoral artery of the rat
- In vivo training on the femoral vein of the rat

Programme

Thursday, 18th March, 09:00 a.m. – 06:00 p.m.

- In vivo training on the abdominal aorta and caval vein of the rat
- Introduction of „end to side“ techniques
- In vivo training „end to side“ on the iliac arteries of the rat

Friday, 19th March, 09:00 a.m. – 06:00 p.m.

- Anatomy of epineural and perineural nerve sutures
- In vivo training on sciatic nerve of the rat
- In vivo training „repetition and free style“
 - “end to side“ on the caudal mesenteric and caval veins
 - “end to end“ on the superficial epigastric artery (Ethilon 11.0, BV-8)
 - flap raising in the rat

The course is certified by the General Medical Council.

Both Thursday evenings course dinner.

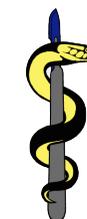
The course is included in the EACMFS Educational Rolling Programme. After the course, a refund of 300 Euros is available for each EACMFS Trainee member attending this course. Please note that EACMFS membership of at least one year is required and only one application for an award, scholarship or grant is permitted each calendar year.

MKG
Mund-Kiefer-Gesicht



MRI

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