

## 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](http://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

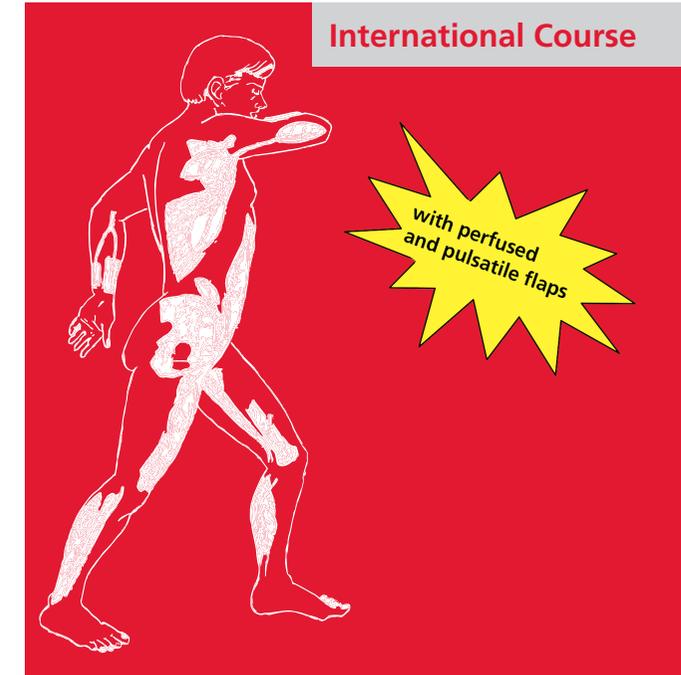
### Course Secretaries

**Ruth Lennartz/Nicole Bataille**

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**UNIKLINIK  
RWTHAACHEN**

Department of Oral and  
Maxillofacial Surgery



**83<sup>rd</sup> International Course  
for Flap Raising & Microsurgery  
13<sup>th</sup> March – 22<sup>nd</sup> March 2024**

**TUM**

Technische Universität München

## Date

### Block I Anatomical Course for Flap Raising

Wednesday 13<sup>th</sup> March until Friday 15<sup>th</sup> March 2024

### Block II Microsurgical Exercise Course

Monday 18<sup>th</sup> March until Friday 22<sup>nd</sup> March 2024

Strictly limited number of participants

## Course Language

English

Textbook and DVD-ROM „Raising of Microvascular Flaps, 3<sup>rd</sup> 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@ukachen.de

## Course Fee

Block I: 1.500 Euro

Block II: 1.500 Euro

Block I and II: 3.000 Euro

Registration required in advance

We only require 50% of course fee to be paid on registration and the remaining 50% until 16<sup>th</sup> January 2024 to the following bank account:

RWTH Aachen/Prof. Hölzle, Sparkasse Aachen

BIC: AACSD33 - IBAN: DE53390500001070938897

Please indicate: „**83<sup>rd</sup> Course Bochum**“

## Programme

### Block I – Raising of the following flaps

**Wednesday, 13<sup>th</sup> March, 09:00 a.m. – 06:00 p.m.**

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

**Thursday, 14<sup>th</sup> March, 09:00 a.m. – 06:00 p.m.**

- Fibula flap
- Latissimus dorsi flap
- Osteocutaneous scapula flap

**Friday, 15<sup>th</sup> March, 09:00 a.m. – 06:00 p.m.**

- Iliac crest flap
- Rectus abdominis flap
- Pectoralis major pedicled flap

### Block II Microsurgical Exercise

**Monday, 18<sup>th</sup> 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, 19<sup>th</sup> 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, 20<sup>th</sup> 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, 21<sup>st</sup> 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, 22<sup>nd</sup> 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)
  - renal transplantation and 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.**



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