

## Aim and Content of the Course

### Block I – Raising of the following

- 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 devise of 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

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.

## Organisation and Registration



### Course Chairman

**Univ.-Prof. Dr. med. Dr. med. dent. Frank Hölzle**

Head of Department of Oral and Maxillofacial Surgery  
Uniklinik RWTH Aachen  
[www.mkg-chirurgie.ukaachen.de](http://www.mkg-chirurgie.ukaachen.de)



### Senior Course Chairman

**Univ.-Prof. Dr. Dr. K.-D. Wolff**

Head of Department of Oral and Maxillofacial Surgery  
Technische Universität München  
Klinikum rechts der Isar  
[www.mkg.med.tu-muenchen.de](http://www.mkg.med.tu-muenchen.de)



### Course Chairman

**Mr. D.A. Mitchell**

FDSRCS (Eng), MBBS BDS FDSRCPs (Glasg),  
FRCS (Ed), FRCS (Eng), FRCS (MaxFac)  
Head of Department of Oral & Maxillofacial  
Surgery, Bradford  
Consultant & Senior Lecturer Mid-Yorkshire  
and Leeds Teaching Hospitals (UK)



### Course Chairman

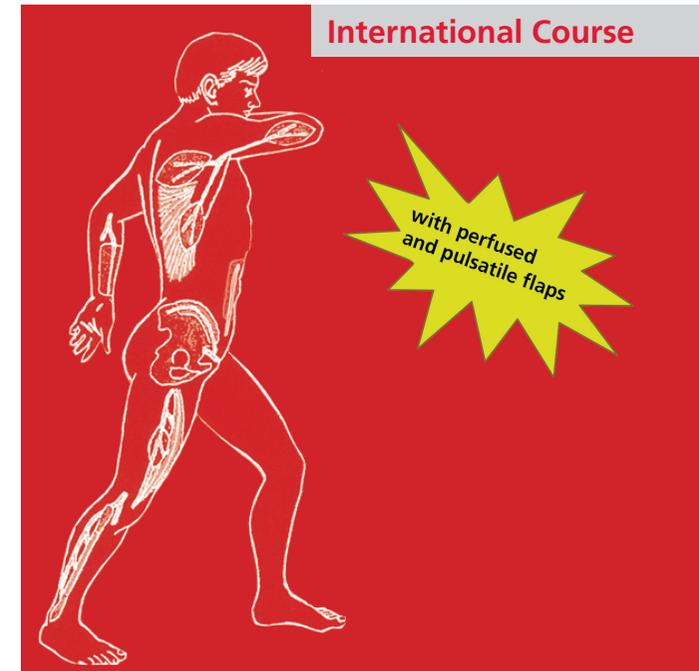
**Mr. A. Kanatas**

BSc (Hons), BDS MBChB (Hons), MFDSRCS  
(Eng), MRCS (Glasg), FRCS (MaxFac), PhD  
Consultant Mid-Yorkshire  
and Leeds Teaching Hospital (UK)

### Course secretaries

**Ruth Lennartz/Karin Huppertz**

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**44<sup>th</sup> International Course  
for Flap Raising & Microsurgery  
18<sup>th</sup> March – 27<sup>th</sup> March 2015**

## Date

### Block I Anatomical Course for Flap Raising

Wednesday 18th March until Friday 20th March 2015

### Block II Microsurgical Exercise Course:

Monday 23rd March until Friday 27th March 2015

Strictly limited number of participants

## Course Language

English

Textbook and DVD-ROM „Raising of Microvascular Flaps, 2nd 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

[www.eventhotels.com](http://www.eventhotels.com) – [www.bochum.de](http://www.bochum.de)

A room with reduced fees at the Park Inn Hotel is available

For reservation please call +49 234 969-0)

**keyword: Universität Bochum**

## Course Fee

Block I: 1.500 Euro

Block II: 1.500 Euro

Block I and II: 3.000 Euro

At least 1.000 Euro have to be transferred (after your registration has been confirmed) until January 26th 2015 to the following bank account:

RWTH Aachen/Prof. Hölzle, Sparkasse Aachen

BIC: AACSD33 – IBAN: DE53390500001070938897

Please indicate „44th Course“. The remainder can also be paid in cash on the first day of the course.

## Programme

### Block I – Raising of the following flaps

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

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

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

- Latissimus dorsi flap
- Osteocutaneous scapula flap
- Fibula flap

**Friday, 20th March, 09:00 a.m. – 06:00 p.m.**

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

### Block II Microsurgical Exercise

**Monday, 23rd 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: Coronary arteries and veins of the pig

**Tuesday, 24th 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, 25th 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 abdominal aorta and caval vein of the rat
- Anatomy of epineural and perineural nerve sutures
- In vivo training on sciatic nerve of the rat

## Programme

**Thursday, 26th March, 09:00 a.m. – 06:00 p.m.**

- 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
- Introduction of „end to side“ techniques
- In vivo training „end to side“ on the iliac arteries of the rat

**Friday, 27th March, 09:00 a.m. – 06:00 p.m.**

- 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 (included in course fee)**

**The course is included in the EACMFs Educational Rolling Programme. A refund of 150 Euros is available for each EACMFs Trainee member attending this course.**

**MKG**  
Mund-Kiefer-Gesicht



**MRI**

Klinikum rechts der Isar  
Technische Universität München



**B | BRAUN**  
SHARING EXPERTISE

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