Dear Colleagues,

I am glad to invite you to the next European Workshops on Basic Techniques of Microsurgery and on Cerebral Revascularization.

The Neurosurgical Department of the Medical University of Vienna has had an important role in the development of microsurgery. Since 1979 our clinic is offering laboratory training opportunities on basic and advanced microsurgical work for young surgeons. Colleagues of different specialties from all over the world have developed their surgical skills with great enthusiasm in our laboratories at the General Hospital of Vienna.

The overwhelming interest in our workshops and the further organization of such courses by some of our trainees confirm the overall need of such teaching programs. It is my purpose to continue supporting these courses and offer them to our European colleagues.

The development of better OP-microscopes and microsurgical instruments as the required surgical skills has been an important base for the increasing progresses in modern surgery. The technical developments of neuronavigation, neuroendoscopy, etc. are big steps forward but will not decrease the need of microsurgical experience.

I am sure that these days, having gone through these carefully structured training programs will motivate you to excel in microsurgical work and all of us for an exchange of views and experiences.

Moreover lectures by distinguished invited specialists will update us with the possibilities of microsurgery in their relevant areas of interest.

In addition to what promises to be an exciting learning experience the social program will complement our efforts to let you enjoy the hospitality of Vienna and its cultural possibilities.

Looking forward to meeting you,

Engelbert Knosp, MD
Chairman of the Department of Neurosurgery
Medical University of Vienna

Please visit our homepage for more information: www.microsurgery.at
Program: Workshop on Basic Techniques of Microsurgery

Monday, October 31st 2016

08:45 Registration
09:00 Welcome and Introduction
E. Knosp
09:10 Lecture: Use & Misuse of OP-Microscope and Instruments
G. Bavinzski
09:25 Lecture: Microsurgical Instruments and their Care
N. Fischer
09:40 Hands-on: Running Sutures under Microscope
W.-J. Tsai
10:30 Refreshment Break
10:50 Lecture: Optimal Suture Materials for Microvasc. Anastomosis
T.B.A. (Ethicon)
11:10 Hands-on: Interrupted Sutures under Microscope
A. Nosmann
12:00 Lunch
13:00 Hands-on: End-to-End Anastomosis (Arteries)
M. Krawagna
14:30 Hands-on: End-to-Side Anastomosis (Veins, different Angles)
J. Herta
16:00 Adjourn

Wednesday, November 2nd, 2016

08:00 Video Presentation: External Carotid to MCA Bypass Using Saphenous-Vein-Grafts
P. Dodier
08:30 Hands-on: Vein Graft of End-to-End Anastomosis and Vein-Wall Patch Graft
V. Solomrichuk
09:45 Refreshment Break
10:00 Experimental Aneurysm Models
W.-J. Tsai
11:20 Lecture: Microsurgery of the Peripheral Nerves
T. Menovsky
11:40 Hands-on: Nerve Coaptation
T. Menovsky
12:00 Lunch
13:00 Case presentation: Side-to-Side Anastomosis in the Deep
A. Andreou
13:30 Hands-on: End-to-End Anastomosis
A. Andreou
14:30 Hands-on: End-to-Side Anastomosis in the Depth
G. Bavinzski
15:30 Evaluation of Work and Awarding of Certificates

Tuesday, November 1st, 2016

08:30 Lecture: Revascularization in Cerebral Ischemia
Techniques of Standard STA-MCA Bypass
G. Bavinzski
09:30 Refreshment Break
09:40 Hands-on: End-to-Side Anastomosis (Arteries)
H. Ferraz-Leite
10:40 Hands-on: End-to-End Anastomosis (Veins)
L. Wadirua
12:00 Lunch
13:00 Hands-on: End-to-Side Anastomosis (Arteries, different Angles)
M. Krawagna
14:30 Refreshment Break
14:40 Hands-on: End-to-Side Anastomosis (Veins, different Angles)
J. Herta
16:00 Adjourn

Program: Workshop on Cerebral Revascularization

Thursday, November 3rd, 2016

08:45 Meeting Place: Department of Neurosurgery - Be in Time!
09:00 Welcome and Introduction
E. Knosp, H. Bergmeister
09:10 Introduction to Experimental Microvascular Surgery
G. Bavinzski
10:40 Hands-on: End-to-End Anastomosis (Arteries)
M. Krawagna
12:00 Lunch
13:00 Hands-on: End-to-Side Anastomosis (Arteries, different Angles)
M. Krawagna
14:30 Refreshment Break
14:40 Hands-on: End-to-Side Arterial Anastomosis (Animals CCA)
J. Herta
15:00 Hands-on: Small Caliber Vascular Replacement with Synthetic Grafts
H. Bergmeister
16:00 Adjourn

Friday, November 4th, 2016

09:00 Welcome and Introduction
09:10 Lecture: Pathophysiology of Cerebral Ischemia
W. Series
09:30 Lecture: Radiological Assessment of Cerebral Ischemia
A. Mallouhi
10:00 Lecture: Value of Endovasc. Revascularization in Acute Stroke
T.B.A.
10:30 Refreshment Break
10:50 Lecture: Vessel Harvesting
Th. Hober
11:10 Lecture: Extra-Intracranial Bypass: History, Technique, Current Indications
H. Feuerer-Leite
11:30 Lecture: The Role of Bypass Surgery in Endovascular Era of Brain Aneurysm Treatment
G. Bavinzski
11:50 Lecture: Decision Making-Endovascular Coiling vs. Surgical Clipping of Brain Aneurysms
A. Andreou
12:10 Lunch and Guided Tour: Narrenturm – «Fool’s Tower»
13:00 Pathologic – Anatomical Museum Vienna
15:00 Hands-on: Small Caliber Vascular Replacement with Synthetic Grafts
G. Fischer
15:20 Lecture: Virtual Planning of EIAB Approach
Ph. Dodier
15:35 Discussion with Faculty and Adjourn (approx. 16:00)
17:00 Special Dinner for Participants and Faculty

Saturday, November 5th, 2016

09:00 Demonstration: The ELANA Technique
A. van der Zwan/T. van Doormaal
11:00 Refreshment Break
11:15 Hands-on-Repetition: End-to-End / End-to-Side Anastomosis
12:30 Evaluation of Work and Awarding of Certificates

Members of Faculty

Engelbert Knosp, MD
Chairman of Department of Neurosurgery, Medical University Vienna
Andreas Gruber, MD
Dept. of Neurosurgery, Medical University Vienna, Workshop Co-Director
Gerhard Bavinzski, MD
Dept. of Neurosurgery, Medical University Vienna, Workshop Director
Helga Bergmeister, MD, DVM
Institute of Biomedical Research, Medical University Vienna
Alexandros Androu, MD, PhD
Director Dept. of Neurosurgery & Interventional Neuroradiology, Higga Medical Center, Athens, Greece
Theodorus (Tristan) van Doormaal, MD, PhD
Dept. of Neurology & Neurosurgery Medical University Center, Utrecht, NL
Theo Ferras-Leite, MD
Former Workshop Director, Vienna, Austria
Gerit Fischer, MD
Dept. of Neurosurgery, Saarland University, Homburg, Germany
Arthur Nosmann, MD
Dept. of Neurosurgery, Medical University Vienna
Maximilian Kräwagna, MD
Dept. of Neurosurgery, Klinikum St. Elisabeth, Straubing, Germany
Ammar Mallouhi, MD
Dept. of Neurology, Medical University Vienna
Tomas Menovsky, MD, PhD
Vice-Chairman Dept. of Neurosurgery Medical University Antwerp, Belgium
Volodymyr Solomrichuk, MD
Dept. of Neurosurgery, University Göttingen, Germany
Albert van der Zwan, MD, PhD
Dept. of Neurology & Neurosurgery Medical University Center, Utrecht, NL

Please visit our homepage for full list of member of faculty
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