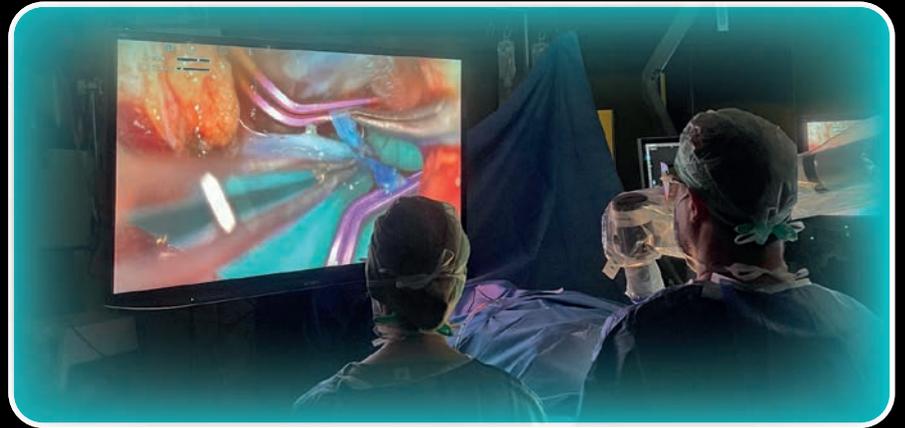


1st
*Neurovascular Minimally
Invasive Course*

EC-IC Bypass
surgery



September 3th – 4th, 2025

Department of Neurosurgery
Kirrberger Straße, Building 90.5
Saarland University Medical Center

66421 Homburg-Saar / Germany



1st
*Neurovascular Minimally
Invasive Course*

EC
IC | **Bypass
surgery**

Welcome to this intensive two-day neurosurgical workshop focused on STA–MCA bypass procedures. The course is designed to provide a comprehensive and hands-on learning experience, guiding participants through the essential steps of the surgical workflow. The first day offers practical training on microsurgical techniques using specialized models, allowing participants to refine their skills in vessel handling and suturing under expert guidance. On the second day, participants will simulate the full bypass procedure on cadaveric specimens, gaining valuable experience in performing each key surgical step.

This workshop provides a realistic and focused environment for neurosurgeons aiming to enhance their bypass surgery skills and build confidence in performing STA–MCA anastomoses.

I wish you an enjoyable and rewarding experience throughout the course—have fun and make the most of this unique opportunity!

Sincerely yours,



Joachim Oertel

Prof. Dr. Joachim Oertel

Head of the Department of Neurosurgery

EC-IC BYPASS WORKSHOP PROGRAM

WEDNESDAY, 03RD SEPTEMBER, 2025

TIME	PROGRAM	
08:30	Registration	
09:00	WELCOME & OPENING <i>Prof. Dr. Joachim Oertel</i>	
09:30	EC-IC Bypass: Overview and Modern Techniques <i>Prof. Dr. Gerrit Fischer</i>	 <p>Build. 35 Central Lecture Hall of Saarland University Medical Center</p>
10:00	Indications and Preoperative Diagnostics for EC-IC Bypass <i>Prof. Dr. Yaroslav Winter</i>	
10:30	Coffee Break	
11:00	Hands-On Course I: Training on Simulation Models	
12:30	Lunch	
13:30	Hands-On Course II: Training on Simulation Models	
16:30	End	

THURSDAY, 04TH SEPTEMBER, 2025

TIME	PROGRAM	
08:20	OPENING	 <p>Build. 35 Central Lecture Hall of Saarland University Medical Center</p>
08:30	Bypass without parent artery ligation for complicated aneurysm: Is it a reasonable strategy? (<i>online lecture</i>) <i>Prof. Dr. Dong Zhang</i>	
09:10	Surgical Technique: Step-by-Step Approach. Minimally Invasive EC-IC Bypass <i>Prof. Dr. Gerrit Fischer</i>	
10:00	Coffee Break	
10:30	Hands-On Course III: Step-by-Step EC-IC Bypass on Cadaver	 <p>Build. 61 - Anatomy</p>
13:00	Lunch	
14:00	Hands-On Course IV: Step-by-Step EC-IC Bypass on Cadaver	
16:30	End	

COURSE DIRECTOR

Prof. Dr. Joachim Oertel
Prof. Dr. Gerrit Fischer

SPEAKER

Prof. Dr. Joachim Oertel
Prof. Dr. Gerrit Fischer
Prof. Dr. Yaroslav Winter
Prof. Dr. Dong Zhang

TUTORS FOR THE HANDS-ON SESSIONS

Prof. Dr. Joachim Oertel
Prof. Dr. Gerrit Fischer
Dr. Jacek Szczygielski
Dr. Magomed Lepshokov
Dr. Karen Radtke

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