

# 7<sup>th</sup> HOMBURG ICP & HYDROCEPHALUS WORKSHOP

April 3<sup>th</sup> – 4<sup>th</sup>, 2025

Department of Neurosurgery  
Homburg-Saar / Germany

- PRELIMINARY PROGRAM -



*Dear colleagues*

Hydrocephalus is a progressive condition, imposing - sooner or later - severe restrictions on the patient's everyday life. Our concern, however, must be to take advantage of modern medical advances for early recognition, sufficient therapy and intensive aftercare of the disease. Recent innovative developments in the field of neuroendoscopy, cerebral shunting and intracranial pressure monitoring represent major steps towards achieving the best possible patient care.

Following the great success of our workshops in 2016, 2017, 2018, 2019, 2020 and 2024 we are now delighted to announce the 7<sup>th</sup> Homburg ICP and Hydrocephalus Workshop.

The intention of the workshop is to recapitulate the general understanding of hydrocephalus and to discuss modern therapeutic approaches. One main focus will be on telemetric intracranial pressure monitoring. The long-term application of this technique provides unprecedented insights into the illness and supports important medical decisions. We expect telemetry to become an integral part of neurosurgery in the future. Our staff and selected experts welcome you here for intense discussions, workshops and live surgery cases.

We are looking forward to the upcoming workshop!

Sincerely yours,



*Joachim Oertel*

Prof. Dr. Joachim Oertel



*Matthias Hülser*

Matthias Hülser



## — PROGRAM OVERVIEW —

### THURSDAY, APRIL 3<sup>TH</sup>, 2025

08:30 - 18:30

- 08:30 Registration
- 09:00 Welcome and Introduction
- 09:15 Occlusive Hydrocephalus –  
Where is the Obstruction?
- 09:45 Physiologic ICP - What do we  
know?
- 10:00 **Live Surgery**
- 11:30 M.scio - Experience and way of  
treatment in Homburg
- 12:00 **Lunch Break**
- 13:15 ICP diagnostic for NPH - an useful tool?
- 13:45 Serial valves for pediatric hydrocephalus  
within the first year
- 14:15 Experiences of ICP diagnostic for IIH
- 14:30 M.scio - outpatient treatment of the „lost  
generation“
- 14:45 **Coffee Break**
- 15:15 Long-term ICP Monitoring after  
Endoscopic Third Ventriculostomy
- 15:30 Prognostic Value of the M.scio for Shunt  
Revision
- 15:45 Modern Imaging Techniques in  
Hydrocephalus
- 18:30 **DINNER**

### FRIDAY, APRIL 4<sup>TH</sup>, 2025

08:45 - 12:45

- 08:45 Welcome and Introduction
- 09:00 Authentic Clinical Cases - The Importance  
of Telemetry in Clinical Routine
- 09:45 ICP-guided Shunt Valve Adjustments with  
the Miethke M.scio
- 10:00 Interpretation of ICP
- 10:15 **WORKSHOP**  
(Analysis of Telemetric ICP Data)  
*M. Hülser, Homburg-Saar*
- 12:30 End of the Scientific Part and Closing  
Remarks  
*J. Oertel, Homburg-Saar*



## — ORGANIZATION —

### COURSE DIRECTORS

- Joachim Oertel, MD, PhD
- Matthias Hülser, MD

### ORGANIZATION

- Hülser, Matthias, MD
- Lepshokov, Magomed MD
- Awamleh, Fadel, MD
- Steven, Seger

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