

9th Pediatric Neurosurgery Symposium

25 - 26 June 2026

State of the Art in Pediatric Neuroendoscopy: Indications and Advances



Preamble

Dear Colleagues,

It is our pleasure to invite you to the **9th Pediatric Neurosurgery Symposium** at the University Children's Hospital Basel (UKBB), taking place on June 25–26, 2026. Ongoing medical education is essential for both residents and pediatric specialists to stay alongside of the latest developments and advancements in the conditions we diagnose and treat in our young patients.

This year, we will focus on the highly relevant and rapidly evolving field of **Pediatric Neuroendoscopy**, under the theme «State of the Art in Pediatric Neuroendoscopy: Indications and Advances.»

Neuroendoscopic techniques have become increasingly important in the treatment of various pediatric neurosurgical conditions. Continuous improvements in imaging, surgical equipment, and operative techniques have significantly expanded the possibilities of minimally invasive approaches in children. This symposium aims to provide the most up-to-date insights into ventricular anatomy, diagnostic evaluation, clinical decision-making, surgical techniques, and complication management in pediatric neuroendoscopy.

On Thursday, June 25th, we are honored to welcome internationally renowned experts who will deliver specialized talks on various aspects of pediatric neuroendoscopy. The program will cover topics ranging from ventricular neuroendoscopic anatomy and radiological diagnostics to neurocognitive assessment in children undergoing neuroendoscopic procedures. Further sessions will address technical aspects of neuroendoscopy, treatment strategies for hydrocephalus, and the role of neuroendoscopy in ventricular and paraventricular cysts and tumors. The day will conclude with an expert roundtable discussion on current controversies in pediatric neuroendoscopy, providing participants with the opportunity to engage in discussion with leading specialists in the field.

On Friday, June 26, we will start the day with interactive discussions of challenging clinical cases, including complex hydrocephalus, endoscopic cyst fenestration, and intraventricular tumors. This will be followed by an afternoon of hands-on workshops. The practical sessions will allow attendees to practice different neuroendoscopy cases on 3D-printed skulls and experience Virtual Reality (VR) for selected arachnoid cyst cases. Participants will also be able to join video demonstrations guided by our experts on neuroendoscopic techniques.

The symposium is designed to provide a stimulating environment for learning, discussion, and exchange among physicians involved in the care of pediatric neurosurgical patients, including pediatricians, pediatric neurologist, pediatric neurosurgeons, pediatric oncologist, pediatric surgeons, and other specialists with an interest in pediatric neurosurgery.

Participation in the symposium, as well as food and beverages during both days of our symposium, will be offered free of charge thanks to the generous support of our sponsors.

We look forward to welcoming you to the University Children's Hospital in Basel for what promises to be a highly educational and collegial meeting dedicated to advancing our collective knowledge in pediatric neurosurgery.

Warm regards,

Prof. Raphael Guzman – Chief Pediatric Neurosurgery

Prof. Jehuda Soleman – Deputy Chief Pediatric Neurosurgery

Dr. Maria Licci – Attending Physician Pediatric Neurosurgery

Dr. Ladina Greuter – Attending Physician Pediatric Neurosurgery

Program

Thursday, 25 June 2026

UKBB, Spitalstrasse 33, 4056 Basel

08.00 - 8.15 **Registration and Coffee in Foyer**

08.15 - 8.20 **Welcome address**

Prof. Raphael Guzman and Prof. Jehuda Soleman
Basel

Anatomy and Diagnostics (Chair: PD Dr. Christian Zweifel, Chur)

08.20 – 08.30 **Ventricular Neuroendoscopic Anatomy**

Dr. Sarah Stricker, Zurich/Paris

08.35 – 08.45 **The Glymphatic System and Hydrocephalus in Children**

Dr. Blazej Nowak, Basel/Poland

08.50 – 09.00 **Radiological Measurements and Sequences for Pre- and Post-Neuroendoscopy**

Prof. Irina Mader, Basel

09.05 – 09.20 **Neurocognitive Testing in Children undergoing Neuroendoscopy – How and When?**

PD Dr. Martina Studer, Basel

09.25 – 09.40 **Seizure generation in the setting of elevated intracranial pressure: Pathophysiological mechanisms and clinical implications?**

Prof. Alexandre Datta, Basel

09.45 – 10.15 **Coffee break**

Overview and Technical Aspects of Neuroendoscopy in Children (Chair: Prof. Niklaus Krabenbühl, Zürich)

- 10.15 – 10.25** **Neuroendoscopic Tools and Setup**
Dr. Tamara Vernik, Munich
- 10.30 – 10.50** **To Shunt or Fenestrate - Indications and Contraindications of Neuroendoscopy in Children**
Dr. Radek Frič, Oslo
- 10.55 – 11.15** **Pitfalls, Technical Aspects, and Complication Management of Neuroendoscopy in Children and Neonates**
Prof. Martin Schuhmann, Tübingen
- 11.20 – 11.35** **Establishing a Neuroendoscopic Program in the Gambia – Challenges and Future Directions**
Dr. John Jabang, Gambia
- 11.40 – 12.00** **International Multicenter Studies in Pediatric Neurosurgery - the Tel Aviv Tradition - Including Insights on Pediatric Neuroendoscopy**
Prof. Shlomi Constantini, Tel Aviv
- 12.00 – 13.00** **Lunch break**

Neuroendoscopy in Hydrocephalus (Chair: Prof. Andrea Cardia, Lugano)

- 13.00 – 13.15** **Endoscopic Third Ventriculostomy (ETV)/ETV and Choroid Plexus Coagulation**
Dr. Katharina Lutz, Bern
- 13.20 – 13.35** **Neuroendoscopic Foraminoplasty, Aqueductoplasty, Septostomy with and without Stent insertion**
Dr. Maria Licci, Basel

- 13.40 – 13.55** **Neuroendoscopy in Multiloculated Hydrocephalus**
PD Dr. Andrea Bartoli, Geneva
- 14.00 – 14.20** **Neuroendoscopic Lavage for IVH and Infections in Neonates and Children**
Prof. Ulrich Thomale, Berlin
- 14.25 – 14.40** **Neuroendoscopy for Hydrocephalus in Chiari I and II Malformations**
Dr. Ladina Greuter, Basel/Toronto
- 14.45 - 15.00** **Shunt Dysfunction – A Chance for Shunt Weaning and Neuroendoscopy?**
Prof. Raphael Guzman, Basel
- 15.00 - 15.30** ***Coffee break***

**Neuroendoscopy in Ventricular and Paraventricular Cysts and Tumors
(Chair: Prof. Ulf Schneider, Luzern)**

- 15.30 – 15.45** **Neuroendoscopy in Arachnoid-, Colloid-, and Tumor Cysts**
Prof. Jehuda Soleman, Basel
- 15.50 – 16.10** **The Evolution of Neuroendoscopic Treatment of Paraventricular and Ventricular Tumors**
Prof. Giuseppe Cinalli, Naples
- 16.15 – 16.30** **Neuroendoscopic Tumor Biopsy**
PD Dr. Mahmoud Messerer, Lausanne
- 16.35 – 16.55** **Innovative Approaches and Novel Indications for Neuroendoscopy in Children**
Dr. Bassel Zebian, London

Round table discussion (Moderator: Prof. Jehuda Soleman, Basel)

- 17.00 – 18.00** **Controversies in Neuroendoscopy in Children**
Prof. Cinalli, Prof. Constantini, Prof. Datta, Dr. Frič, Prof. Mader,
Prof. Schuhmann, Prof. Thomale, Dr. Zebian
- 18.00 – 18.15** **Closing remarks**
Prof. Urs Frey, CMO UKBB
- 18.15 – 18.20** **Wrap up**
Prof. Raphael Guzman, Basel
- 18.30** **Apéro riche**
- 20.00** ***Network Dinner***

Friday, 26 June 2026

**Anatomical Institute University of Basel, Pestalozzistrasse 20,
4056 Basel**

08.45 - 9.00 **Registration and Coffee in Anatomy institute of
Basel**

08.30 - 8.35 **Welcome address**
Prof. Jehuda Soleman, Basel

Care Discussion

09.15 - 12.00 **Case discussion in pediatric neuroendoscopy**
PD Dr. Andrea Bartoli, Dr. Ladina Greuter, Dr. Maria Licci, Dr.
Katharina Lutz and Prof. Jehuda Soleman

12.00 - 13.00 **Lunch break**

Hands-on course

Please note: Hands-on Activities are limited for 25 participants. First come, first serve, everyone is welcome as an observer.

13.00 – 16.45

- Neuroendoscopy (Models form: ETV and Cyst Fenestration, temporal AC Cyst Fenestration, Aqueductoplasty and Stent insertion, Endoscopic tumorresection)
- How I do it – Neuroendoscopic treatment techniques in Hydrocephalus
 - Video Demonstration (Faculty)
 - Integration of neuroendoscopically assisted catheter insertion for hydrocephalus
- VR Demonstration of Arachnoid Cyst Cases

16.45 – 17.00 **Closing remarks and feedback**
Prof. Jehuda Soleman, Basel

Speakers



PD Dr. A. Bartoli
Geneva



Prof. G. Cinalli
Naples



Prof. S. Constantini
Tel Aviv



Prof. A. Datta
Basel



Dr. R. Frič
Oslo



Prof. U. Frey
Basel



Dr. J. N. Jabang
Brufut



Dr. L. Greuter
Basel



Prof. R. Guzman
Basel



Dr. M. Licci
Basel



Dr. K. Lutz
Bern



Prof. I. Mader
Basel



PD Dr. M. Messerer
Lausanne



Dr. B. Nowak
Basel



Prof. M. Schuhmann
Tübingen



Prof. J. Soleman
Basel



Dr. S. Stricker
St. Gallen



PD Dr. M. Studer
Basel



Prof. U. Thomale
Berlin



Dr. T. Vernik
Munich



Dr. B. Zebian
London

Chairs



PD Dr. A. Cardia
Lugano



Prof. N. Krayenbühl
Zürich



Prof. U. Schneider
Luzern



Prof. J. Soleman
Basel



PD Dr. C. Zweifel
Chur

Workshops



PD Dr. A. Bartoli
Geneva



Dr. L. Greuter
Basel



Dr. M. Licci
Basel



Dr. K. Lutz
Bern

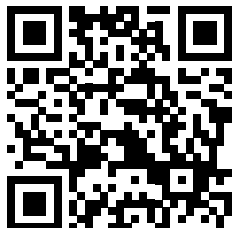


Prof. J. Soleman
Basel

Registration

Please register until June 15 2026

Credit points: SGNC (16), SGNP (12), SGP (2), SGKC (14)



www.ukbb.ch/symposium-neurosurgery-2026

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