

6th Pediatric Neurosurgery Symposium

29 - 30 June 2023

University Children's Hospital Basel (UKBB)



Dear Colleagues,

It is a pleasure to invite you to the sixth Pediatric Neurosurgery Symposium at the University Children's Hospital in Basel (UKBB). Continued medical education for residents and pediatric specialists is key to stay up to date with the latest developments and thoughts in the rare diseases we treat in our pediatric patients. The interdisciplinary discussion and exchange of knowledge is the foundation of best medical care. This year we will discuss highly relevant and also controversial topics. We will discuss basic concepts but also novel aspects in pediatric epilepsy surgery. This session will bring to you the latest thoughts on diagnosis, clinical decision-making and treatment options. Pediatric epilepsy surgery is a very complex topic, demanding extensive teams of specialists knowledgeable in management and treatment protocols. An interdisciplinary approach in specialized clinics is key for best medical treatment. We will have a broad panel of specialists covering the most important aspects from neurosurgical, neurological, and radiological point of view. This session should be highly relevant for all physicians seeing those children. The session will be closed by a round table discussion with an expert panel allowing participants to ask their burning questions.

We are again proud to have world-renowned experts giving keynote lectures and specific talks on Thursday June 29th. We believe that the symposium should be appealing to all neurosurgeons, pediatric specialists including pediatricians, psychiatrists, pediatric surgeons and neurosurgeons, neuropediatricians, and anyone interested in pediatric medicine.

Friday June 30th will be a dedicated workshop mainly, but not only, for residents that will focus on the hydrocephalus shunt technology and ETV model with the help of 3D printed skulls and cadavers. We will also have breakout sessions with discussion of difficult epilepsy cases, understanding of current devices and new technologies in epilepsy treatment, as well as case discussions using multiuser full immersion Virtual Reality.

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

We are looking forward to welcoming all of you to the University Children's Hospital in Basel for what we hope will be a highly educational and collegial day devoted to broadening your and our knowledge in Pediatric Neurosurgery.

Warm regards,

Prof. Raphael Guzman, Chief Pediatric Neurosurgery
PD Jehuda Soleman, Deputy Chief Pediatric Neurosurgery

Program

Thursday, 29 June 2022

08.45 – 08.55 Welcome address (Prof. R. Guzman, Basel)

Introduction Pediatric Epilepsy – Moderator Prof. GP Ramelli, Bellinzona

09.00 – 09.20 Classification of pediatric Epilepsy (Dr P. Dill, Basel)

09.25 – 09.40 Update on medical treatment in epilepsy (PD Dr. A. Datta, Basel)

09.45 – 10.10 Neuroimaging in pediatric epilepsy (Prof N. Girard, Marseille)

10.15 – 10.45 Coffee break

Presurgical Evaluation Epilepsy – Moderator Prof. A. Cardia, Lugano

10.45 – 11.05 Review of Phase I presurgical evaluation (Prof. G. Ramantani, Zürich)

11.10 – 11.30 Review of Phase II presurgical evaluation: The role of the Epileptologist (Prof. M. Seeck, Genf)

11.35 – 11.55 Review of Phase II presurgical evaluation: The role of the Neurosurgeon (Prof. H. Weiner, Houston)

12.05 – 12.15 Decision to surgery: The Epileptologist's view (PD A. Datta, Basel)

12.20 – 12.30 Decision to surgery: The Surgeon's view (Prof. J. Roth, Tel Aviv)

12.30 – 13.30 Lunch

Key Note Lecture I – Introduction: Prof. R. Guzman, Basel

13.30 – 14.15 Evolution in pediatric Epilepsy surgery (Prof. Howard Weiner, Houston)

Surgical Treatment of Epilepsy – Moderator Prof. M. Edwards, Stanford

14.30 – 14.50 Surgical options and technical nuances for lesional epilepsy and neurocutaneous disorders (Prof. R. Guzman, Basel)

14.55 – 15.15 Surgical options, technical nuances and neuromodulation surgery non lesional epilepsy (Prof. C. Pollo, Bern)

15.20 – 16.00 Coffee Break

Key Note Lecture II – Introduction PD J. Soleman

16.00 – 16.30 Importance and Outcome in early surgery for epilepsy (Prof. J. Roth, Tel Aviv)

Outcome after Epilepsy Surgery – Moderator Prof. U. Fischer, Basel

16.35 – 16.50 Outcome and psychomotor development after epilepsy surgery (Dr. L. Greuter, Toronto)

16.55 – 17.10 Management of failure after epilepsy surgery (Prof. M. Edwards, Stanford)

Roundtable Discussion Nuances in Pediatric Epilepsy Surgery – Moderator PD J. Soleman, Basel

17.15 – 18.00 Round Table Discussion: Prof. H. Weiner, Prof. J. Roth, PD A. Datta, Prof. M. Seeck, Prof. N. Girard

18.00 – 18.05 Closing remarks and introduction of Dr. L. Engelberger (Prof. L. Mariani, Basel)

18.05 – 18.20 Pediatric Healthcare (Dr. L. Engelberger, Director of the Department of Health Basel Stadt)

18.30 Apéro riche

Friday, 30 June 2022

Case discussions and Hands-on Workshop

Anatomical Institute University of Basel, Library 1st floor, Pestalozzistrasse 20, 4056 Basel

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

09.45 – 10.00 Welcome (Prof. R. Guzman)

Case Discussions

10.00 – 12.00 Case Discussion Epilepsy
(PD A. Datta, Prof. L. Weiner, Prof. J. Roth, PD J. Soleman, Prof. R. Guzman, Dr. L. Greuter)

12.00 Lunch break

Hands-on Course

12.45 – 15.15

- Positioning in Pediatric Neurosurgery
- Virtual Reality in Craniosynostosis
- Hydrocephalus Shunt Technology
- Neuro-Endoscopy: ETV and Intraventricular Tumor Modell

Speakers



PD Dr. A. Datta,
Basel



Dr. P. Dill,
Basel



Prof. M. Edwards,
San Francisco



Prof. N. Girard,
Marseille



Dr. L. Greuter,
Toronto



Prof. R. Guzman,
Basel



Prof. L. Mariani,
Basel



Prof. C. Pollo,
Bern



Prof. G. Ramantani,
Zürich



Prof. J. Roth,
Tel Aviv



Prof. M. Seeck,
Genf



PD J. Soleman,
Basel



Prof. H. Weiner,
Houston

Session Chairs



Prof. A. Cardia,
Lugano



Prof. M. Edwards,
San Francisco



Prof. U. Fischer,
Basel



Prof. R. Guzman,
Basel



Prof. GP Ramelli,
Bellinzona



PD J. Soleman,
Basel

Hands-on «Speakers»



PD Dr. A. Datta,
Basel



Prof. M. Edwards,
San Francisco



Dr. L. Greuter,
Toronto



Prof. R. Guzman,
Basel



Dr. M. Licci,
Basel



Prof. J. Roth,
Tel Aviv



PD J. Soleman,
Basel



Prof. L. Weiner,
Houston

Registration



Please register until June 5 2023

Online registration: <https://www.ukbb.ch/symposium-neurosurgery>

Credit points: SGNC, SGNP, SGP, SGKC

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