



COURSE
THE BASICS AND ADVANCED

Neonatal cranial ultrasound

Thursday, 05.03. and Friday, 06.03.2026
University Children's Hospital Zurich



Neonatal cranial ultrasound course

The Basics and Advanced

Learning objectives:

This course covers the basic levels of neonatal cranial ultrasound imaging (Day 1) and will also serve as a great foundation for the advanced user (Day 2). This year a special focus is put on the hands on sessions (3h).

Target audience

(max. 20 participants, minimum 15 participants):
Neonatologists, paediatricians with interest in neonatology, pediatric radiologists

Course fee:

CHF 500.- for both days,
CHF 250.- for one day

Credits:

SGP: 7 credits
SGN: 7 credits
SGR: 7 credits

Four experts in this field lead the course:

- Prof. Dr. med. Cornelia Hagmann (University Children's Hospital Zurich)
- Prof. Dr. med. Anita C. Truttmann (Centre Hospitalier Universitaire Vaudois)
- Dr. med Raimund Kottke (University Children's Hospital Zurich)
- Dr. med. Tobias Mühlbacher (University Hospital Zurich)

Course location:

Universitäts-Kinderspital Zürich
University Children's Hospital Zurich
Gebäude für Forschung und Lehre
Kursraum 1, Etage B
August-Forel-Strasse 51
8008 Zürich

Enquiries:

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Thursday, March 5th

09:00 Welcome

- **Standard views on cUS, anatomy**
A.Truttmann
- **Additional acoustic window**
C. Hagmann
- **Foramen Magnum window**
T. Mühlbacher

11:00 - 11:15 Coffee break

- **Brain development and common variants**
C. Hagmann
- **Doppler measurements**
R. Kottke

12:30 - 13:30 Lunch break

- **Scanning session (two hours)**
All
- **Intraventricular haemorrhage in preterm infants**
A. Truttmann
- **Posthaemorrhagic ventricular dilatation**
A. Truttmann
- **Cerebellar haemorrhage**
T. Mühlbacher

Friday, March 6th

09:00 Welcome

- **Hypoxic ischaemic encephalopathy**
C. Hagmann
- **Perinatal arterial stroke and sinous venous thrombosis**
C. Hagmann

11:00 - 11:15 Coffee break

- **White matter injury of pre-maturity**
C. Hagmann
- **Central nervous system infections**
A. Truttmann

13.00:-14:00 Lunch break

- **Scanning session (one hour) and QUIZZ**
- **Congenital brain malformations**
A. Truttmann

16:30 - 17:00

- **Feedback and certificates**



Forschung & Lehre
Kinderspital Zürich
August-Forel-Str. 51
8008 Zürich

How to find us

Public transportation

- Tram 4 to Balgrist
- Bus 77 to Flühgasse
- Bus 99 to Kinderspital
- Forchbahn (S18) to Balgrist

By car

Few parking spaces are available in the underground car park of the acute care hospital (entrance on Lenggstrasse).

We kindly ask you to use public transportation whenever possible.

