

Neonatal Brain MRI Course 2023

Department of Neonatology, Wilhelmina Children's Hospital, Utrecht, The Netherlands

Date: November 30th – December 1st 2023
Location: Descartes meeting rooms, Matthias van Geuns building
Bolognalaan 2-48, 3584CJ, Utrecht, The Netherlands
Fees: (PhD) students, nurses, physician assistants and residents: €200,-
Senior researchers and medical specialists: €400,-
Registration: [Registration form](#)
Accreditation: Requested

Program November 30th

09:00-09:20	Welcome and registration
09:20-10:05	Keynote lecture 1: Introduction to neonatal MRI: sequences and brain development – Dr. Maarten Lequin
10:05-10:15	Short break
10:15-11:00	Keynote lecture 2: Preterm brain injury – Prof. dr. Linda de Vries
11:00-11:30	Coffee break
11:30-13:00	Workshop round 1 <ol style="list-style-type: none">1. Fetal MRI – Dr. Gregor Kasprian2. Diffusion tensor imaging – Dr. Alexander Leemans3. Decoding images: MRI versus ultrasound – Dr. Maria Luisa Tataranno4. MRI in congenital heart disease – Dr. Serena Counsell
13:00-13:50	Lunch break
13:50-14:35	Keynote lecture 3: Focal brain injury in term infants – Dr. Nienke Wagenaar
14:35-14:45	Short break
14:45-15:30	Keynote lecture 4: Brain MRI patterns following perinatal asphyxia in full terms – Dr. Floris Groenendaal
15:30-16:00	Coffee break
16:00-17:30	Workshop round 2 <ol style="list-style-type: none">1. Fetal MRI – Dr. Gregor Kasprian2. Diffusion tensor imaging – Dr. Alexander Leemans3. Decoding images: MRI versus ultrasound – Dr. Maria Luisa Tataranno4. MRI in congenital heart disease – Dr. Serena Counsell
17:30	Dinner in town

Program December 1st

09:00-09:20	Welcome and coffee
09:20-10:05	Keynote lecture 5: Brain MRI and metabolic diseases of the newborn – Dr. Domenico Tortora
10:05-10:15	Short break
10:15-11:00	Keynote lecture 6: Malformations of the neonatal brain: genetic etiology and clinical outcome – Prof. dr. Jeroen Vermeulen
11:00-11:30	Coffee break
11:30-13:00	Workshop round 3 <ol style="list-style-type: none">5. MRI scoring systems for longterm HIE outcome prediction – Dr. Lauren Weeke6. Imaging of the cerebellum – Dr. Sylke Steggerda7. Mapping the neonatal brain: MRI neuroanatomy essentials – Dr. Jeroen Dudink8. Neonatal neuroimaging case mix – Prof. dr. Luca Ramenghi and Prof. dr. Manon Benders
13:00-13:50	Lunch break
13:50-14:35	Keynote lecture 7: Central nervous system infections – Prof. Dr. Linda de Vries
14:35-14:45	Short break
14:45-15:30	Keynote lecture 8: MRI: a bridging biomarker for outcome – Prof. dr. Manon Benders
15:30-16:00	Coffee break
16:00-17:30	Workshop round 4 <ol style="list-style-type: none">5. MRI scoring systems for longterm HIE outcome prediction – Dr. Lauren Weeke6. Imaging of the cerebellum – Dr. Sylke Steggerda7. Mapping the neonatal brain: MRI neuroanatomy essentials – Dr. Jeroen Dudink8. Neonatal neuroimaging case mix – Prof. dr. Luca Ramenghi and Prof. dr. Manon Benders
17:30-17:45	Closure