



PROGRAM

NEONATAL CRANIAL ULTRASOUND - BASICS

Wednesday 18 June 2025

THE BASICS led by Professor Frances Cowan and Dr Gerda Meijler

Learning objectives: This one-day course of illustrated lectures is aimed at those starting out on their neonatal imaging career. The content will cover all aspects of neonatal cranial imaging at a basic level. It will also serve as a great foundation for those also following the advanced course. Demonstration of state-of-the-art neonatal head ultrasound simulators and the opportunity during the course for hands-on point-of-care simulation-based ultrasound experience with small group workshops.

- 08:45 Registration and light breakfast
- 09:30 Welcome, Introduction and Housekeeping
- 09:40 Basic and normal anatomy
Dr Gerda Meijler
- 10:45 Use of the ultrasound machine and understanding of the function of the controls and probes
Dr Gerda Meijler
- 11:15 Tea and coffee break
- 11:35 Cranial ultrasound in the term infant admitted with early neurological symptoms – hypoxic-ischaemic encephalopathy and stroke
Dr Sylke Steggerda
- 12:20 Term infants with later seizure onset and/or less acute problems
Prof Frances Cowan
- 13:05 Lunch
- 13:50 Ultrasound imaging of preterm brain injury
Dr Gerda Meijler
- 14:50 Doppler blood velocity measurements, practical aspects
Dr Sylke Steggerda
- 15:20 Tea and coffee break
- 15:45 Practical aspects of reporting and talking to parents
Prof Frances Cowan
- 16:00 Hands-on point of care simulation-based ultrasound experience in small group workshops (optional)
Drs Khorshid Mohammed, Hussein Zein, Lara Leijser, Sylke Steggerda, Gerda Meijler, Linda de Vries, Frances Cowan

End of day 1. Please complete the evaluation survey