

European Board of Neonatology (EBN) Pre-congress Course at jENS 2021

Saturday, 11 September 2021, 10h00 – 15h00 CEST

Section Name:

Brain, Development & Imaging

Chairs:

Manon Benders, Deirdre Murray

Main theme:

EBN brain pre-congress course. Perinatal arterial ischaemic stroke and cerebral sinus vein thrombosis

Course description:

This course will provide state of the art presentations from experts in the field of neonatal stroke. The course will cover practical clinical aspects of the care of newborns with stroke, such as seizure detection and management, MRI diagnosis, clinical findings, rehabilitation and outcome. It will also include an update on pre-clinical studies and the differential diagnosis of stroke-like lesions.

Course objectives:

- To provide an update on clinical diagnosis and imaging in neonatal stroke.
- To provide an update on seizure management, rehabilitation and outcome following neonatal stroke.
- To present an update on current pre-clinical studies and potential future therapeutics in neonatal stroke.

Definition of possible course participants/target group:

This course is targeted towards paediatricians, neonatologists, neurologists and advanced nurse practitioners.

Course programme:

Time		Topic	Speaker
Start	End		
10:00	10:20	Arterial and venous cerebral vascularization	Paul Govaert, Belgium
10:20	10:30	Discussion	
10:30	10:50	Preclinical studies neonatal stroke	Pierre Gressens, France
10:50	11:00	Discussion	
11:00	11:20	PAIS - MRI diagnosis, outcome, clinical studies	Manon Benders, the Netherlands
11:20	11:30	Discussion	
11:30	11:50	Neonatal cerebral sinus vein thrombosis	Luca Ramenghi, Italy
11:50	12:00	Discussion	
12:00	13:00	Lunch break	
13:00	13:20	The challenge of seizure recognition in neonatal acute ischemic stroke	Roberta Cilio, Belgium
13:20	13:30	Discussion	
13:30	13:50	Early rehabilitation after neonatal stroke	Andrea Guzzetta, Italy
13:50	14:00	Discussion	
14:00	14:20	Stroke like lesions in CHD	Terrie Inder, United States
14:20	14:30	Discussion	
14:30	15:00	Open discussion / Closing remarks	All

Faculty:

Name	Position, University	Country
Manon Benders	Professor in Neonatology of the Wilhelmina Children's hospital, UMC Utrecht	The Netherlands
Deirdre Murray	Chair, Professor of Paediatrics, Dept of Paediatrics & Child Health, University College Cork	Ireland
Paul Govaert	Section of Neonatology Department of Pediatrics Sophia Children's Hospital, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands	Belgium
Luca Ramenghi	Director of U.O.C. Neonatal pathology, IRCCS Istituto Giannina Gaslini.	Italy
Terrie Inder	Chair, Department of Pediatric Newborn Medicine. Mary Ellen Avery Professor of Pediatrics in the Field of Newborn Medicine, Harvard Medical School	United States
Andrea Guzzetta	Università di Pisa UNIFI · Department of Clinical and Experimental Medicine MD, PhD	Italy
Pierre Gressens	INSERM- Diderot University Paris, MD PhD	France