

## European School of Neonatology (ESN) Pre-congress Course at jENS 2023

Tuesday, 19 September 2023, 09:00 - 16:30 CEST

**ESPR section name:**

Special Interest Group Neonatal Pain

**Chair(s):**

Sinno Simons, Giacomo Cavallaro, Gerbrich van den Bosch

**Main theme:**

Pain

**ECTS points:**

0.5

**Course description:**

*All you need to know to improve your pain management tomorrow!*

In this pre-congress course we will cover all facets of neonatal pain, from its underlying mechanisms, short - and long term impact to clinical and multimodal pain assessment, nursing, non-pharmacological and pharmacological treatment options and future perspectives in pain management. An interactive session regarding the improvement of your own local pain protocol is included. This course is for both clinicians (nurses and doctors) and scientists (translational and clinical) in the field of neonatal pain.

**Course objectives:**

- Gain insight in the mechanisms and impact of neonatal pain.
- Gain knowledge in all the clinical and multimodal ways to measure pain.
- Get an overview of the best treatment options for neonatal pain and improve your own local protocol.

**Course programme:**

Time		Topic	Speaker
Start	End		
09.00	09.05	Welcome	Giacomo Cavallaro
		<b>Overview neonatal pain</b>	Moderators: Sinno Simons, Giacomo Cavallaro
09.05	09.25	Reflection on neonatal pain	Keith Barrington
09.25	09.30	Discussion	
09.30	09.50	Neonatal pain and its impact	Gerbrich van den Bosch
09.50	10.00	Discussion	
		<b>Pain measurement</b>	
10.00	10.20	Clinical guidelines to assess pain	Monique van Dijk
10.20	10.30	Discussion	
11.00	11.20	Multimodal pain assessment	Jean-Michel Roué
11.20	11.30	Discussion	
		<b>Pain treatment</b>	Moderators: Gerbrich van den Bosch, Monique van Dijk
11.30	11.50	Nursing newborns with pain	Emma Olsson

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11.50	12.00	Discussion	
12.00	12.20	Treating procedural pain in newborns	Anne Smits
12.20	12.30	Discussion	
13.30	13.50	Treating prolonged neonatal pain	Xavier Durrmeyer
13.50	14.00	Discussion	
		<b>Pain management: workshop (including coffee)</b>	
14.00	15.00	Interactive session: optimizing your local pain protocol (panel: all faculty / divided into groups with plenary feedback depending on number of participants)	
		<b>Moving forward in pain management</b>	Moderators: Xavier Durrmeyer, Anne Smits
15.00	15.20	Translational pain studies	Nynke van den Hoogen
15.20	15.30	Discussion	
15.30	15.50	Artificial intelligence for pain management	Rebecca Slater
15.50	16.00	Discussion	
16.00	16.30	Interactive session: lessons learned?	Sinno Simons

**Faculty:**

Name	Position, University	Country
Giacomo Cavallaro	MD, PhD, Neonatologist, clinical pharmacologist, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan	Italy
Sinno Simons	MD, PhD, Neonatologist, clinical pharmacologist, Erasmus MC-Sophia Children's' Hospital, Rotterdam	The Netherlands
Keith Barrington	MD, PhD, Neonatologist, Université de Montréal, Montreal	Canada
Gerbrich van den Bosch	MD, PhD, Neonatologist, Erasmus MC-Sophia Children's' Hospital Rotterdam	The Netherlands
Monique van Dijk	PhD, nursing professor, Erasmus Medical Center Rotterdam	The Netherlands
Jean-Michel Roué	MD, PhD, Neonatal and Pediatric Intensivist, Université de Bretagne Occidentale, Brest	France
Emma Olsson	RN, PhD, Nursing scientist, Örebro University Hospital, Örebro	Sweden
Anne Smits	MD, PhD, Neonatologist, clinical pharmacologist, UZ Leuven, Leuven	Belgium
Xavier Durrmeyer	MD, PhD, Neonatologist, Intercommunal Hospital of Creteil, Creteil	France

Nynke van den Hoogen	PhD, translational scientist, University of Calgary, Calgary	Canada
Rebecca Slater	PhD, neuroscientist, University of Oxford, Oxford	United Kingdom