

Nanopreterm Spring Newsletter

About our NanoPrem Research Lead, Dr Charles C Roehr

Charles is Professor of Neonatal and Perinatal Medicine at the University of Bristol, an Honorary Consultant Neonatologist at Bristol Southmead, and Clinical Advisor to the National Perinatal Epidemiology Unit, University of Oxford. He has a strong interest in research that helps improve the lives of babies and their families.

Charles recently co-led a James Lindt Society Parent/Patient-Partnership priority finding exercise to define the most pressing research needs for babies born below 25 weeks' gestation.

In April, Charles will be representing the BAPM NanoPrem group at the "Tiny Baby Collaborative" scientific session at the Pediatric Academic Societies (PAS) meeting in Boston. This session will be held on Friday, 24 April – all welcome to attend (in person or virtually).

RESEARCH UPDATE

Recent publications/ research related to tiny babies

1. Are guidelines needed? International perspectives on decision-making and practice variation in the care of extremely preterm infants. Geurtzen R et al, J Perinatol. 2026 Feb 10.
2. Approaches to incubator humidification at <25 weeks' gestation and potential impacts on infants. Stoll CM, et al. J Perinatol. 2025 Apr 19
3. Transforming preterm care: The power of small baby guidelines in enhancing outcomes. Pavlek L, et al. Semin Perinatol. 2025 Nov;49(7):152155.
4. Seeing beyond the obvious: pragmatic skin care guidance for infants 22-24 weeks gestational age. Boyar V et al. J Perinatol. 2025 Sep 16.
5. Meconium obstruction of prematurity in tiny babies - towards developing an international consensus. Pitcher GJ et al. J Perinatol. 2025 Sep 8. doi: 10.1038/s41372-025-02395-x. Epub ahead of print. PMID: 40925940.
6. Tiny baby math: supralinear implications for management of infants born at less than 24 weeks gestation. Ågren J et al. J Perinatol. 2025 Mar 31
7. Clinical Guidelines for Management of Infants Born before 25 Weeks of Gestation: How Representative Is the Current Evidence? Peart S et al, BJ. J

Pediatr. 2025 Mar;278:114423.

8. Research priorities for the most premature babies born <25 weeks' gestation: results of an international priority setting partnership. Peart S, et al. Arch Dis Child Fetal Neonatal Ed. 2025 Oct 17;110(6):556-563.
9. It's the little things. A framework and guidance for programs to care for infants 22-23 weeks' gestational age. Bernardini LB et al, J Perinatol. 2025 Mar 10.
10. Considerations for obstetric management of births 22-25 weeks' gestation. LeMoine FV et al. J Perinatol. 2025 Apr 11.

Please join us on our monthly regional Road Shows!

Hosted by a multidisciplinary perinatal team, these virtual webinar swill explore the practical realities of providing care for the smallest babies. Through case presentations and real-world examples, these sessions will highlight key facilitators, barriers, and clinical challenges encountered in supporting these highly vulnerable infants and their families. These events provide an opportunity to share experiences, reflect on complex cases, and foster open discussion across teams caring for the smallest babies.

Our inaugural roadshow was held in Scotland. Save the dates in your diary!

When	Date	Network	Lead
March	27 March	Scotland	Lynsey Still and Annemarie Heuchan
April	29 April	London (Book here)	Claire Howarth
May	27 May	South West	Richard Wach
June	24 June	Kent Surrey Sussex	Shaveta Mulla

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