



NEONATAL RESEARCH PRIORITY SETTING PARTNERSHIP

BRITISH ASSOCIATION OF PERINATAL MEDICINE
ROYAL COLLEGE OF PAEDIATRICS & CHILD HEALTH
NEONATAL NURSES ASSOCIATION
THE NEONATAL SOCIETY





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Webinar Agenda

1. An introduction to the research prioritisation project

- **Dr Katie Evans**, Project Co-ordinator and Honorary Clinical Research Fellow in Neonatal Medicine.
- **Dr Chris Gale**, Academic Neonatologist

2. Why is the project important and what is an example research question?

- **Katie Gallagher**, Senior Research Fellow and Neonatal Nurse
- **Claire Marcroft**, Neonatal Physiotherapist
- **Dr James Webbe**, Neonatal Grid Trainee
- **Emma Johnston**, Parent Representative

3. Q&A

Background

- Huge variations in neonatal care!
- **Robust clinical trials provide information to improve care** and reduce these variations
- Clinical trials are expensive and funding organisations (such as the NIHR) look for evidence that research questions are highly valued by the relevant community (aka: *priority setting work*)
- Previous neonatal priority setting work has given general themes but not questions specific enough to be answered in trials...



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Previous Priority Setting Work

- 2014. Duley et al, The Lancet. **Top 15 UK priorities for preterm birth.**
- 2015. Heazell et al, Ultrasound O&G. **Research priorities for stillbirth.**
- 2019. Oliver et al, BMC Pregnancy & Childbirth. **Top research priorities for preterm birth.**
- 2020. Ho et al, BMJ Open. **Research priorities for pregnancy hypertension.**
- 2021. Ayman et al, Diabetic Medicine. **Top 10 research priorities in diabetes and pregnancy according to women.**



James
Lind
Alliance

Priority Setting Partnerships



PICO

POPULATION

Gestation?
Location?
Specific
condition?

INTERVENTION

What
medication/
treatment/ care
would I like to
look at?

COMPARISON

Shall I compare
this to standard
care? Or an
alternative
treatment?

OUTCOME

Survival?
BPD/ ROP/
IVH/ NEC ?
Sepsis?
etc...



PICO

Example of PICO using the PlaNeT-2 Trial

POPULATION - Preterm infants < 34 weeks gestation

INTERVENTION - Platelet transfusion if platelet count < 25,000/L

COMPARISON - Platelet transfusion if platelet count < 50,000/L

OUTCOME - Mortality or major bleeding within 28 days



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PHASE 01

Bright Ideas!

We invite submissions of research questions using a question building tool by all those with an interest in neonatal care in the UK. (including as many different people as possible - nurses, doctors, allied health professionals, parents, former patients & researchers...)



PHASE 02

Review of questions

The steering group will review the submitted questions and develop a final list (removing any duplicates, questions that have already been answered and those out of scope).



PHASE 03

Have your Say!

Ask the perinatal community (both submitters and others) to prioritise questions in order of importance by completing a two round eDelphi process.



PHASE 04

Dissemination of Results

The ranked list of questions will be disseminated via traditional academic channels, social media and stakeholder organisations.



Ultimately this can be used to add weight to funding applications for practice-changing research trials.

Learn more at:

WWW.BAPM.ORG/RESEARCHQS

Steering Group Members

Cheryl Battersby - Academic Neonatologist, BAPM Data/Informatics lead & member of NIHR prioritisation committee.

James Boardman - Professor of Neonatal Medicine and immediate past president of the Neonatal Society.

William Carroll - Consultant Paediatrician and RCPCH officer for Research.

Jon Dorling - Professor of Paediatrics, Neonatal Consultant and BAPM research lead.

Kate Dinwiddy - Chief Executive of BAPM.

Katie Evans - Project Co-ordinator and Honorary Clinical Research Fellow in Neonatal Medicine.

Chris Gale - Academic Neonatologist and Neonatal Society Meeting Secretary.

Katie Gallagher - Academic Neonatal Nurse and Neonatal Nurses Association representative.

Pollyanna Hardy - Clinical Trials Statistician and Director of the National Perinatal Epidemiology Unit Clinical Trials Unit

Emma Johnston - Parent representative and Parents and Family engagement Lead with the Thames Valley and Wessex ODN.

Helen Mactier - Consultant Neonatologist, Honorary Clinical Associate Professor, and President of BAPM.

Claire Marcroft - Neonatal Physiotherapist and Allied Health Professionals Representative

James Webbe - Trainee representative and Neonatal Medicine GRID Trainee.



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Katie
Gallagher

Senior Research Fellow and Neonatal
Nurse



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Claire
Marcroft

Neonatal Physiotherapist



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James Webbe

Neonatal GRID trainee



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Emma
Johnston

Neonatal Parent

We need you!





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