

# MaatHRI

Maternal and perinatal Health Research  
collaboration India



[www.npeu.ox.ac.uk/maathri](http://www.npeu.ox.ac.uk/maathri)

December 2022

**Maternal and perinatal Health Research** collaboration, India (MaatHRI) is a UK-India collaboration for translating evidence from new scientific discoveries to improve clinical care for mothers and children. It includes 16 hospitals across 6 states in India.

## Research project updates

### Workstream-1: (repeated monthly survey of severe maternal complications):

We have information related to more than 371,000 hospital births collected since August 2018.

### Workstream-2 (case-control study of heart failure in pregnant women):

Until November 2022, we recruited 376 cases of suspected heart failure and 884 controls.

### Workstream-3 (prospective study of safety of induction and augmentation of labour in pregnant women with anaemia):

Until November 2022, 8524 participants have been recruited. **Target complete!**

Updates are published monthly on the MaatHRI website

[www.npeu.ox.ac.uk/maathri](http://www.npeu.ox.ac.uk/maathri)

## Welcome

A warm welcome to Dr Tuck Seng Cheng who joined MaatHRI as a post-doctoral researcher. He has a BSc in Life Sciences from the National University of Singapore; MPhil in Epidemiology, University of Hong Kong; and a PhD in Lifecourse Epidemiology, University of Cambridge. He has experience in working with several pregnancy and birth cohorts from Singapore, Hong Kong and the UK.



## We are proud of Ms Rashmi Mohanty's life-long commitment to empowering women

Rashmi, a MaatHRI Community Engagement and Involvement (CEI) group member, was interviewed on Indian national Odia television channel in November 2022 about her contribution to women's empowerment. Since the age of 14, she has been an activist, campaigning for women's rights, protesting against violence towards women, and working with various organisations to facilitate women's empowerment. She also has more than 30 years of experience working in the field of public health, humanitarian response and development in India and South Sudan.



## Key outputs from 2022

### MaatHRI received additional funding from the Medical Research Council, UK

The research undertaken by MaatHRI has been extended until January 2024 with a transition support award for Associate Professor Manisha Nair (Chief investigator, MaatHRI).

### MaatHRI collaboration was expanded from 15 hospitals in 5 states to 16 hospitals across 6 states in India

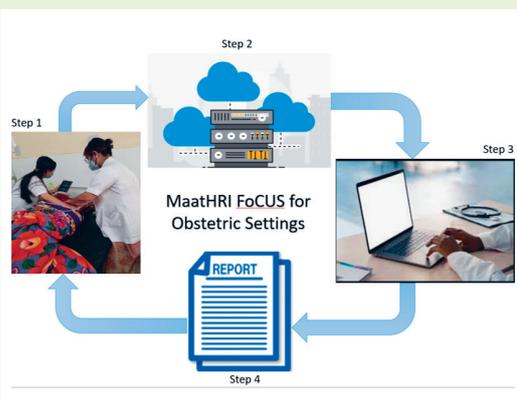
Sewa Bhawan Hospital Society from Chhattisgarh joined the collaboration in March 2022. In addition to another experienced obstetrician, this collaboration also added a Cardiologist and a Radiologist to the MaatHRI team of clinical experts.

### MaatHRI conference in Goa in May 2022

A two-day conference was organised in Goa to discuss the achievements of the collaboration, ongoing research, and future strategies.



MaatHRI conference in Goa in May 2022



### MaatHRI FoCUS for obstetric settings

We developed and tested MaatHRI FoCUS (Focused Cardiac Ultrasound) method employing a four-step process. This can be used by obstetricians to acquire images of the heart of pregnant women with low-cost, portable, bed-side ultrasound machines, and the images interpreted remotely by experts. In settings where there is a shortage of cardiologists, MaatHRI FoCUS could be used to prioritise pregnant women who need immediate intervention.

The tools are freely available on our website:

<https://www.npeu.ox.ac.uk/maatthri/capacity-building/maatthri-focus-for-obstetric-settings>

### MaatHRI regional dissemination and policy meeting in September 2022

We brought together members of the Executive Board of the Guwahati Obstetrics and Gynaecological Society (GOGS), an affiliated member society of the Federation of Obstetrics & Gynaecological Societies of India, and MaatHRI CEI group and steering committee to discuss the relevance of our research outputs to pregnancy care in India. The meeting resulted in several action points including promoting MaatHRI FoCUS by GOGS and advocating its inclusion in the healthcare services.



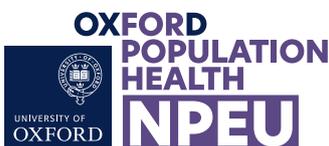
An article on MaatHRI was published in the September 2022 Bulletin of the GOGS.

*Wishing everyone happy holidays  
and a very happy new year*



### Funders:

MRC CDA Fellowship for Manisha Nair | MRC Transition Support Award for Manisha Nair  
NDPH Pump-priming Award | Ultromics Ltd



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