

Neena Modi

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Name	Neena Modi	
Email	n.modi@imperial.ac.uk Neena Modi@rics.a-star.edu.sg	
Home address	41 Inglis Road, London W5 3RL	
Mobile	+44 (0) 7525611677	
Nationality	British	
Civil status	Married with 2 children	
Degrees	1976	MB ChB University of Edinburgh
	1979	MRCP (UK) Royal College of Physicians (London)
	1991	MD (Res) University of Edinburgh
Fellowships	1994	FRCP Royal College of Physicians (London)
	1997	FRCPCH Royal College of Paediatrics and Child Health
	2020	FMedSci Academy of Medical Sciences
Honorary Fellowships	2023	Girton College Cambridge
	2023	The Neonatal Society
	2020	Colombian Association of Neonatology
	2019	Royal College of Paediatrics and Child Health
	2017	Faculty of Pharmaceutical Medicine
	2016	Turkish National Paediatric Society
	2015	British Association of Perinatal Medicine
General Medical Council	Registration number 1349461	
Current appointments	• Professor of Neonatal Medicine, Imperial College London • Honorary Consultant, Chelsea and Westminster NHS Foundation Trust • Vice-Dean (International), Faculty of Medicine, Imperial College London (from 2023) • Honorary Professor. Lee Kong Chian School of Medicine, Singapore (from Jan 2025) • Deputy Executive Director, Institute of Human Development and Potential, A*Star, Singapore (from Feb 2025)	

Personal statement

I am professor of neonatal medicine at the Chelsea and Westminster NHS Foundation Trust campus of Imperial College London, and vice-dean (international) of the Faculty of Medicine. From February 2025, I hold a 0.5WTE position as Deputy Executive Director of the Institute for Human Development and Potential, Agency for Science, Technology, and Research (A*Star), Singapore.

I am also president of the European Association of Perinatal Medicine, elected fellow of the UK Academy of Medical Sciences, and a past president of the British Medical Association, UK Royal College of Paediatrics and Child Health, UK Medical Women's Federation, Neonatal Society, and Academic Paediatrics Association of Great Britain and Ireland.

I have made sustained, high impact contributions to healthcare, the development of individuals, the research community, the profession, and wider society, over 30 years. I have a national and international profile as a clinical academic, educator, professional leader, and advocate for science and research. My driving force is equity, in the conditions that drive health and wellbeing from early development and across the life-course, in access to healthcare and education, and in opportunity to benefit from research and innovation.

Contributions to healthcare

My research has improved the care and safety of sick and preterm newborn babies. I have e.g. elucidated the regulation of sodium and water balance in very preterm neonates, improved newborn nutrition, and developed methods now considered a gold-standard, for the assessment of infant body composition. I helped generate evidence leading to central commissioning of neonatal parenteral nutrition, and award-winning guidance for neonatal palliative care. My work has shown the benefit of e.g. 1:1 nursing for babies in intensive care, and birth of extremely preterm babies in hospitals with high-volume neonatal units.

I am the lead for the current "Pregnancy and Prematurity" theme of the Imperial National Institute for Health Research Biomedical Research Centre that is focussed on improving outcomes for women and babies. I am currently in the top 0.1% of global researchers in preterm health. My h-index (Google Scholar February 2025) is 75. My contributions to healthcare have been recognised by the award of Honorary Fellowships from the British Association of Perinatal Medicine, UK Faculty of Pharmaceutical Medicine, Royal College of Paediatrics and Child Health, Colombian Association of Neonatology, and Turkish National Paediatric Society. In 2023 I received the *Joint European Neonatal-Perinatal Societies Award* for outstanding contributions to neonatology.

Contributions to the development of individuals

I lead a 25-member multi-professional research group. I am an educator, e.g. delivering many invited lectures in the UK and abroad each year. I directed "*The Neonatal Update: The Science of Newborn Care*" from 2000-2022. I developed its international profile as an annual, week-long, flagship academic conference of Imperial College London, known for inspiring new ideas and collaborations, and handed on leadership in 2023 to a senior colleague. I currently lead "*Perinatal Science International*", a meeting of the European Association of Perinatal Medicine, aimed at stimulating multi-professional translational research. I have prioritised the career development and academic skills of my clinical and non-clinical students, evidenced by notable successes they have achieved e.g. Clinical Lectureships (Imperial 2014; University of Cambridge 2015); NIHR Transitional Research Fellowship (2015); NIHR Clinical Trials Fellowship (2015); MRC Clinician Scientist Fellowship (2016); NIHR Doctoral Fellowships (2017); Senior Lectureships (Imperial 2016; Imperial 2018); MRC PhD Fellowship (2019); NIHR Advanced Fellowship (2018); Readership (Imperial 2020) and Professorships (Imperial 2022; Imperial 2023).

I am supporting the development of the *Adult Premie Advocacy Network* initiated by young adults who were born preterm to raise awareness of the life-long health implications they face. As president of the UK Medical Women's Federation (2020-21), and an ethnic minority woman active in public life, it has been a privilege to formally and informally mentor a number of women and individuals from under-represented groups and see them grow in confidence and achievement.

Contributions to the research community

My contributions to research have been recognised by election to the UK Academy of Medical Sciences as Fellow (from 2020), member of Council (2020-2023), and sectional committee chair (from 2023). I have held by election, the three leading national child health research positions in the UK (president of the Neonatal

Society; president of the Academic Paediatrics Association of Great Britain and Ireland; RCPCH vice-president for Science and Research). I chaired the Ethics Committee of the British Medical Journal for over five years. I am the current president of the European Association of Perinatal Medicine (2024-26). In these roles, I have promoted biomedical research, transparency, and integrity, supported young researchers, and involved and engaged parents, young people, and the public, in studies targeting their needs.

I led the creation of the UK National Neonatal Research Database, an innovative, exemplar, award-winning *National Data Asset* from extractions from point-of-care electronic neonatal records, uniquely achieving complete coverage of all NHS neonatal units in England, Wales, and Scotland. This resource supports my research as well as that of national and international groups, and contributes data to national audits, quality improvement programmes (e.g. the national PReCePT programme to reduce cerebral palsy), maternity inquiries (e.g. Morecambe Bay; East Kent; House of Lords; Thirlwall), legislative change (e.g., for the Department of Business, Energy and Industrial Strategy regarding extended leave for parents of babies admitted to neonatal care), and policy development (e.g. Department of Health, analyses of national perinatal brain injuries).

My expertise in health data is evidenced by e.g. roles as senior advisor to the Health Data Research UK *Data Governance and Ethics Steering Group*, and membership of the multi-professional, *International Data Transfers Expert Council* that advised the UK Government on ethical, secure ways to remove barriers to cross-border data flows. My work on the use of health data for patient benefit has been recognised by the Royal College of Physicians of London, Excellence in Patient Care Award for Innovation 2018 (the National Neonatal Research Database *A road-map for NHS "big-data" to improve care, services and patient outcomes*) and in 2022 by the US FDA-funded Critical-Path Institute, International Neonatal Consortium, *Data Pioneer Award for Contributions to Health Data Research*.

Contributions to the profession

As president of the UK Royal College of Paediatrics and Child Health (RCPCH) (2015-18), elected by membership ballot. I chaired Council as head of the Board of Trustees, and supervised vice-president portfolios in education, training, health services and research. My contributions included overseeing a major governance transition and creation of a new independent Board of Trustees. I provided professional leadership to trainees during a challenging period of disputed contract negotiations with Government. I consulted with the membership on the controversial issue of RCPCH interactions with industry and strengthened policies. I fronted the profession's response to matters of national importance. I initiated a major study, the *"State of Child Health in the UK"* followed by one-year progress reports, widely cited by Government.

I serve on a number of national and international biomedical science academic boards and committees (e.g., International Scientific Advisory Board, Metabolic Health in Asian Women and their Children, Singapore Ministry of Health; Scientific Advisory Council, Sophia Children's Hospital Foundation, Rotterdam, The Netherlands; multiple Trial Committees of the National Medical Research Council, Australia) and children's medicines development (e.g. as expert advisor to the International Neonatal Consortium and C4C, respectively US Food and Drug Administration, and European Union funded consortia). I chaired the four-member International Advisory Panel of the National University of Singapore Yong Loo Lin School of Medicine (2022) and am a current member of the governing board of the Lee Kong Chian School of Medicine, Singapore.

Contributions to wider society

I have used my national roles to benefit wider society. As RCPCH president, I led the development of a *Children's Research Charter* that expressed in their words, how children, young people and parents wish to be involved in medical research, a *Children's Research Fellowship Fund* to support post-doctoral researchers transition to independence, and a *UK Child Health Research Collaboration* to enable funders to deliver projects out-with the capacity of individual organisations. I led *"Turning the Tide"*, a major national report on children's research, with a follow-up report *"Five-Years On"*.

As president of the Medical Women's Federation, I initiated a consortium aiming to improve parental leave, contributed to advocacy to combat sexism, and mandate folic acid fortification of flour to reduce neural tube defects. As British Medical Association president, I led a programme to position population health before economic growth as a primary policy target. I am a member of international academic groups aiming to

enfranchise youth (Children's Voting Colloquium), and drive appreciation by policy-makers of the importance of periconceptional, maternal and infant health in establishing healthy trajectories for life (Venice Forum). I am active in public engagement activities and in communicating on health, biomedical research and advocacy through broadcast and print media.

I received the UK GG2 *Asian Woman of the Year* award in 2018, and in 2022, the Medical Women's International Association award to a *"Woman physician who has made outstanding contributions to the cause of women in the field of medicine"*.

Previous clinical appointments

01.11.87 - 19.1.03	Senior Lecturer/Consultant, Faculty of Medicine, Hammersmith Campus, Imperial College London
01.11.84 - 31.10.87	Lecturer/Senior Registrar in Paediatrics, University of Liverpool, Professor R W I Cooke, Professor F Harris
02.01.84 - 31.10.84	Alder Hey Children's Research Fellow in Paediatric Nephrology, University of Liverpool, Dr T McKendrick
01.07.82 - 30.06.83	Lecturer in Neonatal Paediatrics / Bliss Fellow, University College Hospital, London, Professor E O Reynolds
01.04.80 - 16.06.82	Registrar in General Paediatrics, Western General Hospital, Edinburgh, Dr A J Keay
01.08.78 - 31.07.79	Senior House Officer in Infectious Diseases, City Hospital, Edinburgh, Dr J McC Murdoch
01.08.77 - 31.07.78	Senior House Officer in Paediatrics, Royal Hospital for Sick Children, Edinburgh. Professor JO Forfar, Professor H Simpson
01.02.77 - 31.07.77	House Officer in General Medicine, Royal Infirmary, Edinburgh, Professor R Girdwood, Professor L Prescott
01.08.76 - 31.01.77	House Officer in General Surgery, Royal Infirmary, Edinburgh, Professor Sir Michael Woodruff

Positions by election

2024-26	President, European Association of Perinatal Medicine
2021-24	President-Elect, European Association of Perinatal Medicine
2020-23	Council, Academy of Medical Sciences
2021-22	President, British Medical Association
2020-21	President, Medical Women's Federation
2018-20	President-Elect, Medical Women's Federation
2015-18	President, Royal College of Paediatrics and Child Health
2014-15	President, Academic Paediatrics Association of Great Britain and Ireland
2012-15	President, the Neonatal Society
2009-14	Science and Research Vice President, Royal College of Paediatrics and Child Health

Key national and international academic boards and committees

From 2024	Office for National Statistics Advisory Board on <i>"Geographical inequalities in premature mortality"</i>
2023-24	Research Assessment Exercise international advisor, Chinese University of Hong Kong

From 2023	Governing Board; Lee Kong Chian Medical School, Singapore
2022	Chair, International Advisory Panel, National University of Singapore Yong Loo Lin School of Medicine
2022-24	International Steering Committee, <i>Lancet Child Health Commission on the Future of Neonatology</i>
2022-24	<i>Newborn Ethics Working Group</i> , Genomics England
From 2022	Senior advisor “ <i>Integrating sex and gender in medical research: developing best practice recommendations and a policy framework for funders and regulators to improve health equity in the UK</i> ”; a project led by The George Institute for Global Health, funded by the Wellcome Trust
2022-2023	Medical Research Council, <i>Better Methods, Better Research Panel</i>
From 2021	Health Data Research UK, senior advisor to the pan-UK <i>Data governance and ethics steering group</i>
2021-2026	Singapore Ministry of Health, National Medical Research Council: International Scientific Advisory Board, “ <i>Metabolic Health in Asian Women and their Children</i> ”
2021-2025	Sophia Children’s Hospital Foundation, Sophia Children’s Hospital, Rotterdam, The Netherlands: International Scientific Advisory Council
2021-2022	National Institute for Health Research: Chair, Independent Advisory Group; Policy Research Programme <i>Improving National Clinical Excellence Awards</i>
From 2021	International Children’s Voting Colloquium: Steering Committee
2021-2023	Department for Media, Data and Digital Infrastructure, member of the International Data Transfers Expert Council
2020-2021	Erasmus Medical Centre and Erasmus University Rotterdam and Erasmus Medical Centre, Rotterdam, The Netherlands: <i>International Evaluation Panel</i>
From 2020	Critical Path Institute, International Neonatal Consortium: Steering Committee, <i>Real World Data Programme</i>
From 2020	Health Data Research UK Alliance Board
2019-2022	Vice-Chair, Strategy and Advocacy Committee, Medical Women’s International Association
From 2019	Member of the Board of Directors, International Foundation for Maternal Periconceptional and Neonatal Medicine
From 2019	Vice-Chair, European Association of Perinatal Medicine, Special Interest Group for Preterm Birth
From 2019	Collaborative Network for European Clinical Trials for Children, Conect for Children (c4c), Ethics expert group; Study design and clinical trial methodology expert group
From 2019	Health Data Research UK, Working Group on Data Driven Improvements to Maternal and Child Health
2019-2023	Chair, International Life Sciences Institute Europe, Working Party on Environmental Factors affecting Body Composition Development in Fetal Life, Infancy and Childhood, and Association with Long-Term Health
2019 - 2021	Commission on Human Medicines, UK Medicines and Healthcare Regulatory Agency, “ <i>Optimising data on medicines used in pregnancy</i> ” working group
2018-2020	Genomics England, Genomic Analysis in Children sub-group

2018-2019	Genomics England, Newborn Genomics task and finish group
From 2018	European Society for Paediatric Research, Section on Nutrition, Gastroenterology and Metabolism
2018-2022	Scientific Advisory Board, Nestle International
From 2017	UK Health Research Authority, National Research Ethics Advisory Panel
2017-2019	UK Clinical Research Collaboration Pregnancy Research Review Group
2017-2020	Independent Scientific Advisory Board, National Medical Research Council Singapore, Flagship Translational and Clinical Research Programme on <i>Developmental Pathways to Health and Disease</i>
2016-18	Academy of Medical Royal Colleges representative, National Institute for Health Research Dean's advisory panel
2016-18	Academy of Medical Royal Colleges representative, UK Clinical Research Collaboration
2015-2019	International Scientific Panel, Medical Research Awards, Antoine Faes Foundation, Brussels
From 2015	International Neonatal Consortium, expert advisor
2014-2021	National Institute for Health Research Neonatal Clinical Studies Group
2012-2022	Westminster Children's Research Fund committee
2010-15	Chair, British Medical Journal Ethics Committee
2010-14	Medicines for Children Research Network Executive Board
2009-14	RCPCH Academic Regional Advisors Committee
2007-08	Council of Heads of Medical Schools, Working Party on Women in Clinical Academia
2006-14	Academic Medicine Committee, Royal College of Physicians
2003-12	Neonatal Expert Advisor, British National Formulary for Children
2003-08	Royal College of Paediatrics and Child Health Academic Board
2002-05	Metropolitan Multicentre Research Ethics Committee

Clinical trial committees

From 2025	Chair, National Institute for Health Research Steering Committee; Pharmacogenetics to avoid loss of hearing (PALOH-UK); Chief-Investigator: Professor William Newman, Manchester University NHS Foundation Trust
From 2022	National Health and Medical Research Council Australia, Data Monitoring Committee, <i>Can intrapartum Sildenafil safely Avert the Risks of Contraction-induced Hypoxia in labour? iSEARCH: a pragmatic Phase 3 Randomised Controlled Trial</i>
From 2020	National Health and Medical Research Council Australia, Data Monitoring Committee, <i>Lactoferrin Evaluation in Anaemia in Pregnancy (LEAP-1)</i>
From 2018	Chair, National Institute for Health Research, Trial Steering Committee, <i>Efficacy and mechanism of surfactant therapy for critically ill infants with bronchiolitis (BESS)</i>
2018-2025	National Health and Medical Research Council Australia, Independent and Data Safety Monitoring Committee, <i>Targeted Oxygenation in the Respiratory care of Premature Infants at Delivery: Effects on Outcome (TORPIDO 30/60)</i>
2017-2025	National Health and Medical Research Council Australia, Data Safety Monitoring Committee, <i>Pentoxifylline to protect the preterm brain (PROTECT)</i>

2016-2020	National Health and Medical Research Council Australia, Data Monitoring Committee, <i>Lactoferrin Infant Feeding Trial (LIFT)</i>
2015-2018	Chair, Medical Research Council - National Institute for Health Research - Wellcome Trust Trial Steering Committee, <i>Procedural Pain in Preterm Infants Trial (POPPI)</i>
2010-2012	Chair, Ethics Advisory Board, European FP7 Programme <i>Treating Infections in Neonates (TiN)</i>
2009-2015	National Institute for Health Research, Data Monitoring Committee, <i>Catheter Infections in Children Trial (CATCH)</i>
2007-2010	Medical Research Council Data Monitoring Committee, <i>International Immunotherapy in Neonates Trial (INIS)</i>
2002-2006	Data Monitoring and Ethics Committee, <i>PIP trial</i>

Key healthcare committees, working parties and advisory boards

2022	Department of Health, United Arab Emirates, International Peer Review Group assessing maternal and neonatal services in Abu Dhabi
2021	People's Covid Inquiry, Panel member
2020-2024	NHS England Black and Ethnic Minority Clinical Advisory Group
2019-2021	Lewisham and Greenwich NHS Trust, Overseas Charging Oversight Panel
From 2018	Independent advisor to the British Association of Physicians of Indian Origin Healthcare Policy Forum
From 2018	Overseas Development Institute, Growth, Poverty and Inequality steering group
2015-2018	Academy of Medical Royal Colleges Executive Committee
2015-2017	NHS Maternity Review Data working group
2013-2018	NHS England Child and Maternal Health Intelligence Network steering group
2012-2019	Public Health England Infection in Critical Care Quality Improvement Programme steering group
2012-2015	NHS Information Centre Maternity and Children's Datasets implementation group
2012-2013	National Institute for Health & Clinical Excellence (NICE) Quality Standards Advisory Committee
2012	Department of Health Stillbirth Prevention Data Items Task and Finish Group
2010-2014	Chair, NHS England Infant, Children and Young People Patient Expert Safety Group
2009-2010	Deputy Chair, Centre for Maternal and Child Health Enquiries National Advisory Committee
2012-2015	Neonatal Clinical Reference Group, NHS England
2011-2014	Chair, Child Health Reviews UK, Programme Board
2011-2014	Chair, National Paediatric Diabetes Audit
2009-2014	National Coordinating Centre Women's & Children's Health Executive Board
2009-2011	National Institute for Health and Care Excellence (NICE), Quality Standards Specialist Neonatal Care Topic Expert Group
2012-2013	National Institute for Health and Care Excellence (NICE) Quality Standards Advisory Committee

2011-2015	British Association of Perinatal Medicine, Neonatal Dataset Working Group
2010-2011	Royal College of Obstetricians and Gynaecologists, Expert Advisory Group <i>“High Quality Women’s Care: A proposal for change”</i>
2010-2011	NHS National Quality Board, subgroup on commissioning and neonatal service configuration
2009-2015	Health and Social Care Information Centre Maternity Dataset reference group
2009-2014	RCPCH Clinical Standards Committee
2009-2014	British Paediatric Surveillance Unit Executive Committee
2009-2014	National Coordinating Centre Women’s & Children’s Health Executive Board
2009-2013	Chair, RCPCH Growth Charts Project Board
2009-2011	National Institute for Clinical Excellence, Quality Standards Specialist Neonatal Care Topic Expert Group
2009-2011	Joint Standing Committee (Royal College of Midwives, Royal College of Obstetrics and Gynaecologists, Royal College of Paediatrics and Child Health, Royal College of Anaesthetists)
2008-2009	Department of Health Neonatal Task Force
2007-2021	Chair, Multiple Births Foundation/National Perinatal Epidemiology Unit Infant Feeding Project Advisory Board on the development of national <i>Guidance for Health Professionals on Feeding Twins, Triplets and Higher Order Births</i>
2007-2009	Chair, National Patient Safety Agency Infant, Children and Young People Patient Expert Safety Group
2007-2019	National Neonatal Audit Programme Project Board
2002-2013	Chair, Thames Regional Perinatal Outcomes Group

Editorial boards

- EBioMedicine (current)
- Translational Pediatrics (current)
- Pediatric Medicine (current)
- Early Human Development (2002 to 2024)
- The Newborn (current)

Recent education, examiner, and formal mentorship roles

2021-2024	Module Lead, Imperial MSc in Applied Paediatrics
2021-2023	Distinguished External Examiner, University of Cambridge Clinical School
From 2020	Faculty of SUSTAIN, Academy of Medical Sciences, Medical Research Council, the Royal Society and the Royal Academy of Engineering programme to enable women researchers to thrive in independent research careers
From 2018	Faculty of the Health Leadership Academy, supporting young clinicians and medical students
2001 - 2022	Director of “The Neonatal Update: the Science of Newborn Care” an annual, week-long international scientific meeting of Imperial College London
2018	External examiner, Chinese University of Hong Kong

2018 External examiner, College of Medicine and Medical Sciences, Arabian Gulf University, Bahrain

Trusteeships

2020-24 Academy of Medical Sciences
From 2019 TheirWorld
From 2019 Action Cerebral Palsy
2016-18 Royal College of Paediatrics and Child Health
From 2015 David Harvey Trust

Patronages

From 2019 Keep Our NHS Public
From 2017 Health Prom

Awards

2023 Joint European Neonatal-Perinatal Societies Award
2022 Critical-Path Institute, International Neonatal Consortium, Data Pioneer Award *for contributions to health data research*
2022 Taiwan Medical Women's Association and Medical Women's International Association 2022 award, sponsored by Chang Gung Medical Foundation; *awarded to a woman physician who has made the most outstanding contributions to the cause of women in the field of medicine*
2019 HSJ Value Awards; Finalist (Team Lead) *Improving the care and life-long health of very preterm and sick new-born babies*
2018 GG2 Leadership Award "Woman of the Year" (premiere UK award for inclusion, diversity, and leadership among the black and minority ethnic communities)
2018 Royal College of Physicians of London, Excellence in Patient Care Award for Innovation: the National Neonatal Research Database (Team Lead) *A road-map for NHS "big-data" to improve care, services and patient outcomes*
2017 Health Services Journal, Highly Commended (Team Lead) *Big Data for Newborn Health*
2016 British Medical Journal, Innovation into Practice Award Runner-Up (Team Lead) *Big Data for Newborn Health*
2014 Chelsea and Westminster NHS Foundation Trust Governors Quality Award (with A Mancini, C Beardsley, D Wood and S Uthaya) for the development of *Practical guidance for the management of palliative care on neonatal units*

Other selected markers of esteem

[Wikipedia](#) entry, Neena Modi
2024 Listed among the Health Services Journal List of 50 Most Influential Black, Asian and Minority Ethnic People in Health; 22nd October 2024
2023 Honorary Fellow, Girton College Cambridge
2023 Honorary Editor, The Newborn, the official journal of the Romanian Neonatology Association
2022 Gill Gandy Memorial Distinguished Lecture in Paediatrics, University of Cambridge

- 2021 Academy of Medical Sciences, "[A man's world: how healthcare and research are failing women](#)"
- 2021 Judging panel, Hippocrates Prize for Poetry and Medicine
- 2020 Elected fellow of the [Academy of Medical Sciences](#)
- 2020 Personal profile, Womanthology "[Women don't become doctors: Actually, yes they do](#)"
- 2020 Bengt Robertson Memorial Lecture, Sharing Progress in Neonatology, Madrid, "*Improving the Efficiency and Impact of Clinical Research*"
- 2019 Elected to membership of the International Perinatal Collegium
- 2019 Osler Centenary Lecture, Fellowship of Postgraduate Medicine, "*Premature birth and disease in adult life*"
- 2019 The David Harvey award and lecture, The Neonatal Society, "[Reconceptualising preterm birth](#)"
- 2018 Ranked 51 in the GG2 Power List of the UK's top 101 high Asian achievers
- 2018 Vice Chancellor's Distinguished Lecture, University of Birmingham, "[The Politics of Child Health](#)"
- 2018 Sri Lankan College of Paediatricians, Guest of Honour and Plenary Speaker, 21st Annual Scientific Congress
- 2018 BNS Walia Golden Jubilee Oration, Postgraduate Institute for Medical Education and Research, Chandigarh, India "*Child Health in the 21st Century*"
- 2018 James Hutchinson Memorial Lecture, Hong Kong Paediatric Society, Hong Kong, "*Unto the Next Generation: the long shadow of preterm birth*"
- 2018 Profile, BMA News, "*Loyal to the Last*", 15th March 2018
- 2018 St Davids Day Lecture, Welsh Paediatric Society, Cardiff "*Ethical issues in neonatal research and care*"
- 2017 Membership of the Black Female Professors Forum
- 2017 Reflections, [Five minutes with Neena Modi BMJ 2017](#); 358:j3700
- 2017 Marshall Plus Programme invited lecturer, London
- 2017 Enrique Ostrea Lecture, Wayne State University, Detroit, Michigan, USA, "*Unto the Next Generation*"
- 2017 Messly; [Personal Profile](#)
- 2016 Research Features: [Pioneering global collaboration in children's health research](#)
- 2016 Personal Profile, "[Dogged, determined, driven](#)" *BMJ Confidential*, BMJ 2016; 353:i2033
- 2016 Personal Profile, [Why all doctors should be involved in research](#) BMJ 2016; 352:i161
- 2016 [Asian Women of Achievement short-list](#)
- 2016 Paul Noone Lecture, Doctors for the NHS, London, "*Efficient, effective, equitable*"
- 2015 Founders Lecture, British Association of Perinatal Medicine "*The power of information*"
- 2015 Personal Profile, "*Women at the Top*" Medical Women, autumn 2015
- 2014 Eric Barnard Visiting Professorship, University of Otago, New Zealand
- 2012 Times List of Top 100 Children's Doctors
- 2012 University of Bristol, Beryl Corner Lecture
- 2011 Charles McNeil Lecture, Paediatric Research Society, Edinburgh "*Looking back from the future*"
- 2010 International Women's Day, Guest Panellist, BAPS Swaminarayan Temple "[Celebrating Women; Past, Present and Future](#)"

Current and recent research grants and awards

National Institute of Health Research (NIHR163188): COLLABORATE: An adaptive, efficient, UK-wide, real-world-data enabled, group-sequential, randomised controlled trial to determine clinical efficacy, effect size, and safety of widely used enteral feeds in reducing necrotising enterocolitis, mortality, and cognitive impairment in extremely preterm babies Grant holders: N Modi and V Cornelius (Joint Co-Leads); £2,970,558; 01/06/25 to 31/05/30

Bayer AG: Drug utilisation study using the National Neonatal Research Database for Eylea 40 mg/mL using the PICLEO paediatric dosing device in preterm infants with retinopathy of prematurity in the UK; Grant holder: N Modi; £402,337; 14/12/23-31/12/27

National Institute of Health Research Policy Research Programme (NIHR206113); Grant-holders: Knight M Alderdice F, Kurinczuk J, Douglas J, Carson C, Gale C, Heazell A, Kenyon S, Modi N, Quigley M, Rivero-Arias O, Rowe R, Smith J, Sanders J, Siassakos D, Stein A; Policy Research Unit in Maternal and Neonatal Health and Care; Co-investigator; £2,530,677; 01/01/2024-31/12/2028

National Institute for Health Research (NIHR150958): PROTECT PRegnancy Outcomes using continuous glucose monitoring TEchnology in pregnant women with Type 2 diabetes: A multicentre randomised controlled trial of the clinical and cost effectiveness of using continuous glucose monitoring in pregnant women with type 2 diabetes; Grant-holders: H Murphy, University of East Anglia and E Scott, University of Leeds (Joint Lead investigators); T Newbound; J Myers; K Ismail; G Law; S Misra; AM Swart; G Barton; L Shepstone; L McGowan; N Modi; A Berry; G Ayman S Hussain; S Dunkley; £1,447,896; 01/05/23-30/04/27

National Institute for Health Research, Biomedical Research Centre (NIHR203323); Grant-holder: Imperial College Healthcare NHS Trust; Pregnancy and Prematurity Theme Lead; £95m; 01/12/22-31/11/27

Medical Research Council; Partnership Award (MR/X009831/1); MICA: Meeting global need to improve newborn care through real-world-health-data-facilitated, digital-technology-supported randomised clinical trials; Grant-holders: N Modi (Lead investigator); V Cornelius; M Turner; C Gale; B Moss; £524,890; 01/04/23-31/03/25

Medical Research Council (MR/X003434/1), Preterm birth as a determinant of neurodevelopment and cognition in children: mechanisms and causal evidence; Grant-holders: J Boardman, University of Edinburgh (Lead investigator); H Whalley; H Richardson; R Reynolds; R Marioni; A Tsanas; S Cox; D Batty; N Modi; £2,050,400; 01/11/22-31/10/27

National Institute for Health Research, Accelerated Development Award (NIHR153935): Precision-medicine platform trials to improve the care of sick and preterm newborn babies; Grant-holders N Modi and V Cornelius (Joint Lead investigators); £196,800; 01/09/2022-31/08/23

Critical Path Institute, International Neonatal Consortium, Funder: US Food and Drug Administration grant scheme RFA-FD-20-30, Exploring the use of Real-World Data to generate Real-World evidence; grant number 1 U01 FD007220-01; Grant-holder N Modi; [£68,097](#); 01/09/20-31/08/23

National Institute of Health Research, Imperial College Healthcare NHS Trust, Biomedical Research Centre; Technical development to migrate the National Neonatal Research Database to the iCARE Secure Research Environment; Grant-holders: N Modi and E Mayer (Joint Lead investigators); £90,000; 01/04/22-30/11/22

Health Data Research UK; Infrastructure Development for National Data; Grant-holder: N Modi (Lead investigator); £50,000; 01/12/21-30/05/22

National Institute of Health Research, Imperial College Healthcare NHS Trust, Biomedical Research Centre; A UK National Maternity Research Database; Grant-holders: N Modi (Lead investigator); Mullins E, Bennett P; £149,826; 01/10/21-30/11/22

Medical Research Council, Born in Scotland in the 2020s: Pilot study; Grant holders: R Reynolds (Lead investigator), S Bhattacharya, H Cheyne F Denison, D Lawlor, N Modi, C Sudlow, G Smith, J Norman, J Norrie, L Poston, N Sattar A Sheikh, R Wood; £870,247; 01/05/21-30/11/22

European Health Data and Evidence Network: Standardisation of the National Neonatal Research Database to the Observational Medical Outcomes Partnership (OMOP) common data model (CDM); Grant-holder: N Modi (Lead Investigator); Euro 100,000; 03/05/21-02/05/22

National Institute of Health Research, Imperial College Healthcare NHS Trust, Biomedical Research Centre; eNewborn: an international neonatal research database; Grant-holder: N Modi (Lead investigator); £115,515; 20/07/20-31/03/22

Medical Research Council, A partnership to extend the research utility of a source of real-world health data, the UK National Neonatal Research Database (MR/T016752/1); Grant-holders: Modi N (Lead investigator), Glen R, Angelini E, Gale C, Juszczak E, Knight M; £551,152; 02/12/19-31/09/22

HCA International, The ex-preterm infant in childhood study (EPIC); Grant-holder: Modi N (Lead Investigator); £76,806; 02/09/19-01/09/22

Health Data Research UK, Discover-Now one of seven Hubs across the UK that form part of the Digital Innovation Hub Programme, led by Imperial College Health Partners; £5M plus £ 2.5M matched industry funding; 01/10/19-30/06/22

National Institute of Health Research, Cervical ripening at home or in-hospital: a prospective cohort study and process evaluation (the CHOICE Study); Grant-holders: Stock S (Lead investigator), Bhide A, Modi N, Cheyne H, Boyd K, Sanders J, Hera N, Huddleston J, Norrie J, Smith G, Pasupathy D, McCourt C, Black M; £768,063; 01/10/19-31/09/22

Shire Pharmaceuticals Ltd; Prospective Psychometric Validation of the Premature Infant Index (PREMII); Grant-holder: Modi N (Lead investigator); £101,516; 01/01/2019-31/12/2021

National Institute of Health Research Policy Research Programme; Grant-holders: Kurinczuk J, Alderdice F, Bevan C, Brocklehurst P, Carson C, Draper E, Gale C, Heazell A, Kenyon S, Knight M, Modi N, Plachcinski R, Quigley M, Rivero-Arias O, Rowe R, Sanders J, Siassakos D, Stein A; Policy Research Unit in Maternal and Neonatal Health and Care (PR-PRU-1217-21202); £5M; Co-investigator; 01/01/2019-31/12/2023

National Institute of Health Research Biomedical Research Centre; Grant-holders: Modi N, Angelini E, Gale C, Glen R; Data driven informatics to improve newborn care and outcomes; £137,689; Lead investigator; 01/01/2019-30/06/2020

Shire Pharmaceuticals Ltd, Grant-holder: Modi N. Retrospective Validation of the Premature Infant Index (PREMII) using a Real-World Database; £100,531; Lead investigator; 01/01/2019-31/03/2019

March of Dimes, Grant-holder: Imperial College London; Applicants: Bennett P, Akers R, Bourne T, Botto M, Chan D, Feizi T, Lee Y, Lees C, MacIntyre D, Marchesi J, Modi N, Quinlan R, Regan L, Takats Z, Terzidou V; Imperial College Prematurity Research Centre; £5M; Co-investigator; 01/04/19-31/03/2023

Chiesi Pharmaceuticals, Grant-holders: Modi N, Gale C, Goss K; The effect of surfactant dose on outcomes in preterm infants with Respiratory Distress Syndrome; £258,000; Lead investigator; 01/04/2018-31/03/2021

National Institute of Health Research; Grant-holders: Pillay T, Armstrong N, Boyle E, Draper E, Manktelow B, Modi N, Rivero-Arias O, Seaton S; OPTI-Prem: Optimising neonatal service provision for preterm babies born between 27 and 31 weeks of gestation in England using national data, qualitative research and economic analysis; £924,000; Co-investigator; 01/04/2017-30/09/2021

Prolacta Life Sciences; Grant-holders: Embleton N, Modi N, Uthaya S; Interactions between the diet and gut microbes, metabolism and body composition in preterm infants (INDIGO); £436,279; Co-principal investigator; 01/11/2017-31/10/2019

Medical Research Council; Grant-holders: Thapur A, Modi N, O'Donovan M; Preterm birth and neuropsychiatric genetic risks; £291,774; Co-investigator; 01/09/16-31/08/18

Department of Health; Grant-holder: Royal College of Paediatrics and Child Health; National Neonatal Audit Programme Sub-Contract; £539,836; 2017-21

HCA International, Clinical Research Fellowships, £605,000, 2017-20; Lead applicant

Westminster Medical School Research Trust, The development and functionality of the human neonatal microbiome, £71,524, 2015-2017; Lead applicant

National Institute of Health Research, Health Services and Delivery Research Programme, Right cot, right time, right place, £243,222, 2015-2016; Co-Applicant

NHS England, London Perinatal Network, Neonatal outcomes, £130,000, 2014-16; Lead

British Heart Foundation, The phenotype of the adult born preterm, £298,077, 2013-16, Lead applicant

Healthcare Quality Improvement Partnership, National Clinical Audit Framework, £361,000, 2013-15, Co-applicant

Westminster Medical School Research Trust, Newborn care practices and development of the human microbiome, £65,913, 2012-15, Lead applicant

Westminster Medical School Research Trust, Breast milk composition and infant metabolic development, £65,447, 2011-14, Lead applicant

Bliss, Staffing and Clinical Outcomes, £15,120, 2012-14, Co-principal applicant

National Institute for Health Research Efficacy & Mechanism Programme, Nutritional Evaluation and Optimisation in Neonates, the NEON trial, £834,872, 2010-14, Co-applicant

National Institute for Health Research, Programme Grant, Medicines for Neonates: using routine NHS electronic clinical data for applied research to improve newborn outcomes, £1,617,782, 2009-15, Lead applicant

HCA International, Clinical Research Fellowships, £1,295,212, 2010-14, Lead applicant

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- 3) Modi N, Keay AJ Phototherapy for neonatal hyperbilirubinaemia: the importance of dose. Arch Dis Child 1983 58:406-409
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Editorships

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- 355) Seminars in Neonatology, 2003 Issue 8 "Fluids and Renal Function" Guest Ed. Modi N. WB Saunders

Letters containing original research observations

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- 390) Modi N, Hanson M Maternal, neonatal, and child health is essential for meeting SDG 3.4 Lancet 2020; 396(10264):1731-32

Other publications

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- 393) Modi N, Tiffin R [Should we have a sugar-tax?](#) Prospect Magazine February 2016
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- 403) Modi N [Health is the product of far more than healthcare](#) BMJ Opinion April 9th 2018
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Selected public engagement activities

- | | |
|---------|--|
| 01/2023 | Cambridge Union Debating Society: This House Believes the NHS Cannot Meet the Needs of the People |
| 10/2021 | Genomics England: Newborn sequencing: The value and the vision |
| 10/2021 | Health Data Research UK; The National Neonatal Research Database; https://www.youtube.com/watch?v=CyhTt39Llak |
| 08/2021 | Imperial College London; Prenatal and Early Life Influences on Child Health; https://www.youtube.com/watch?v=N61-NtgwGMw |
| 06/2021 | NEC Society Keynote; https://www.youtube.com/watch?v=x0ZTTnMAlLs |
| 05/2021 | The Theatre: Royal College of Surgeons of London and Melanin Medics; Challenging socioeconomic barriers to healthcare; https://www.listennotes.com/podcasts/the-theatre/health-inequalities-2loptUOI_E1/ |
| 02/2021 | Pager; Maternal and Child Health: Challenges, Opportunities and Wider Importance; https://www.listennotes.com/podcasts/pager/maternal-and-child-health-dtHosZ_3uPA/ |
| 06/2020 | The Neonatal Society; Reconceptualising Preterm Birth; https://www.youtube.com/watch?v=RXc8MOFs_Us |
| 10/2019 | Archives of Disease in Childhood Podcast; An additional votes for parents? Giving children a voice; https://www.listennotes.com/podcasts/ad-c-podcast/an-additional-vote-for-lmhobuqkMOY/ |
| 09/2018 | The BMJ Podcast; The importance of a publicly provided NHS; https://www.listennotes.com/podcasts/the-bmj-podcast/uk-children-are-drinking-i46plFveJou/ |
| 04/2018 | Neonatal Intensive Care Unit Bing video |
| 04/2018 | Microbirth; MICROBIRTH Movie Official Trailer; YouTube |
| 10/2017 | BBC2; Abortion on Trial; BBC Two; Abortion on Trial |
| 05/2017 | Health Leadership Academy: Morale, resilience and professionalism |

03/2017	The BMJ Podcast; The inadequacy of the UK's childhood obesity strategy; https://www.listennotes.com/podcasts/the-bmj-podcast/the-inadequacy-of-the-uks-jGtAc8Bm-gK/
02/2017	Neonatal Point-of-Care Trials
07/2016	University of Southampton; Mothers, babies, teenagers, adults: the cycle of life; https://www.youtube.com/watch?v=PsMchWstkrC

Examples of media coverage

BBC News	2010	Children 'missing out on research benefits
BBC News	2015	Medical research with children 'must be encouraged'
BBC News	2016	Senior doctors react to planned series of five-day strikes
BBC Today Radio 4	2016	NHS111 helpline: is it safe for young children?
BBC Today Radio 4	2016	Junior doctors row: Top paediatrician calls on Hunt to renegotiate
Telegraph	2016	NHS111 Service might be unfit to diagnose children
Huff Post	2016	Children Are Consuming Twice As Much Sugar As They Should Be
The Times	2016	Babies 'at risk' as NHS runs short of paediatricians
Daily Mail	2016	111 hotline is not safe
Sky News	2016	NHS 111 Helpline: Questions Raised Over Safety
BBC News	2017	Charlie Gard evidence not new, hospital claims
Child In The City	2017	New report highlights 'stark inequalities' in UK child health
Huff Post	2017	It's Time Society Stopped Shaming Women for Breastfeeding
The Sun	2017	Sick children are being put in 'jeopardy' because of serious staff shortages in hospitals
Sunday Times	2017	Offers to help Charlie Gard are of no use
New York Times	2017	UK Court Weighs Last-Ditch Plea by Parents of Terminally Ill Baby
Channel 4 News	2017	Charlie Gard case 'very public, very painful'
The Guardian	2017	UK attitudes to breastfeeding must change
The Guardian	2017	Issues from child poverty to obesity are being neglected by government
BBC News	2018	Coaching parents may reduce child's obesity
The Sun	2018	Majority of obese kids will remain dangerously overweight for life
Telegraph	2018	Child obesity crisis: millions doomed to early death
Independent	2018	Obese children likely to die up to 20 years earlier than healthy peers
iNews	2018	Children 'hit hardest' by public health cuts
Sunday Times	2018	Children consigned to early grave by unhealthy lifestyles
Sunday Times	2018	Health chief wants extra votes for mums and dads

The Guardian	2018	Top paediatrician says it's time to give parents extra votes for their children
The Guardian	2020	Female doctors in menopause retiring early due to sexism
The Times	2020	Covid policy saved the NHS but left the old to die
NHS	2021	Covid-19 vaccination
The Mirror	2021	It's time to sort out the health inequality of women and kids exposed by Covid
Voice of Islam	2021	Emergency Medical Services for Children
BMJ	2021	Sixty seconds on . . . a covid-19 inquiry
BMJ	2021	Misconduct in public office?
ITV Granada	2022	Doctors want to close the north-south divide in life expectancy
BBC Newsnight	2022	NHS workforce crisis
BBC Newsnight	2023	NHS in crisis
BBC Radio 4	2023	Woman's Hour : Folic acid fortification
The Guardian	2023	Lessons the NHS needs to learn after Lucy Letby case
BBC 5 Live	2023	Monitoring newborn deaths proactively
LBC	2023	Using routine NHS data to monitor patient outcomes
Voice of Islam	2023	Infants in conflict (07-12-23)
Sky News	2023	RSV vaccines (28-12-23)
The Guardian	2025	The Lucy Letby case (12-02-25)
The Guardian	2025	What is the new challenge to the evidence used to convict Lucy Letby?
The Guardian	2025	Lucy Letby murder convictions: what did the expert panel find?
The Guardian	2025	No medical evidence to support Lucy Letby's conviction
The Times	2025	Lucy Letby: panel says new evidence shows she 'did not murder babies'
BBC News	2025	Why are medical experts disputing evidence used to convict Lucy Letby?
Sky News	2025	Medical team casts doubt on Lucy Letby conviction
BMJ	2025	Lucy Letby: No medical evidence to suggest murder, experts conclude
The Telegraph	2025	The 10 baby deaths that cast doubt on Lucy Letby's guilt
The Economist	2025	It increasingly looks as if Lucy Letby's conviction was unsafe
The Week	2025	Lucy Letby: new medical experts' view of baby deaths
New York Times	2025	Top Doctors Question Conviction of 'Killer Nurse' in 7 Baby Deaths
Chicago Tribune	2025	Medical experts dispute evidence used to convict British nurse Lucy Letby of murdering 7 newborns
ABC Australia	2025	Could Lucy Letby be innocent?

Higher degrees supervised to completion

- 1) Wing Tang, MD (Res), 1997, University of Sheffield; Principal supervisor

The validation of bioelectrical impedance analysis to measure body water distribution in preterm neonates

Current position: General Practitioner to the Chinese community in central London

- 2) Suzanne Worrall, MSc, 1996, University of London; Co-supervisor
Energy expenditure estimation in preterm ventilated babies
Current position: Post-doctoral researcher
- 3) Gary Hartnoll, MD, 1998, University of London; Principal supervisor
Physiological consequences of early versus late sodium supplementation in the extremely preterm infant
Current position: Consultant Neonatologist, retired
- 4) Rachel Miles, PhD, 2002, University of London; Co-supervisor
The psychological sequelae of kangaroo care for premature infants: a controlled trial
- 5) Tracy Harrington, PhD, 2004 University of London; Principal supervisor
Adipose tissue content and distribution in infancy
Current position: Lecturer in Nursing; University of Dublin
- 6) Sabita Uthaya, MD, 2005 University of London; Principal supervisor
Determinants of preterm adiposity
Current position: Consultant Neonatologist, Professor of Practice, Imperial College London
- 7) Nicola Miller, MD, 2006, University of London; Co-supervisor
Effects of delivery on infant hypothalamic-pituitary-adrenal response
- 8) Kristin Bergman, PhD, 2008, University of London; Co-supervisor
Antenatal maternal stress and anxiety and infant behavioural and cognitive outcomes
- 9) Jelena Anastaskova, PhD, 2011, University of London; Co-supervisor
Effects of early life and nutrition on body composition and function
Current position: Post-doctoral researcher
- 10) Dominika Murgasova, PhD, 2011, University of London; Principal supervisor
Determinants of intrahepatocellular lipid in healthy term infants
Current position: Consultant Paediatrician
- 11) Vimal Vasu, PhD, 2011, University of London; Principal supervisor
The influence of nutrition on the preterm phenotype at term
Current position: Consultant Neonatologist, East Kent Hospitals; R&D Director
- 12) Chris Gale, PhD, 2013, Imperial College London; Principal supervisor
Newborn feeding and infant phenotype
Current position: Professor of Neonatal Medicine, Imperial College London; MRC Clinician Scientist
- 13) Shukri Raban, MPhil, 2013, University of Cape Town; Co-supervisor
Rapid versus slow rate advancement of feeds for enterally fed extremely low birth weight infants ≤ 1000 g: a randomised controlled trial
Current position: Consultant Paediatrician, University of Cape Town
- 14) Hilary Wong, PhD, 2016, Imperial College London; Principal supervisor
Evaluating the reliability of standardised two-year neurodevelopmental data collected during NHS follow-up in children born preterm
Current position: Consultant Neonatologist; Affiliated Assistant Professor, University of Cambridge

- 15) Nicholas Andreas, PhD, 2016, Imperial College London; Principal supervisor
The influence of the maternal metabolic phenotype on breast milk composition and the maternal and infant urinary metabolome
Current position: Clinical training
- 16) Natalia Przysiezna, PhD, 2016, Imperial College London; Principal supervisor
Development of gut microbiota and metabolic changes in preterm babies
Current position: Industry researcher
- 17) Shalini Santhakumaran, PhD, 2017, Imperial College London; Co-supervisor
Statistical implications of centralised care for estimating neonatal unit mortality rates
Current position: Post-doctoral researcher
- 18) Karen Logan, PhD, 2017, Imperial College London; Principal supervisor
The metabolic phenotype of the infant of the mother with gestational diabetes
Current position: Consultant Paediatrician, Imperial NHS Trust, Honorary Senior Lecturer
- 19) Cheryl Battersby, PhD, 2017, Imperial College London; Principal supervisor
The UK Neonatal Collaborative Necrotising Enterocolitis (NEC) Study: Testing the utility of operational clinical data to conduct population surveillance, develop an evidence-based case-definition and identify risk factors associated with NEC
Current position: Clinical Senior Lecturer, Imperial College London; NIHR Clinician Scientist
- 20) Holly Jenkins, PhD, 2019, Imperial College London; Principal supervisor
Early newborn care practices and the development and functionality of the human microbiome
Current position: Industry researcher
- 21) James Webbe, PhD, 2020, Imperial College London; Co-supervisor
Improving knowledge outcomes in neonatology
Current position: NIHR Clinical Lecturer, Imperial College London
- 22) Lois van der Minnen, MPH, 2021, Imperial College London; Principal supervisor
Current position: Clinical training
- 23) Luke Mills, PhD 2022, Imperial College London; Principal supervisor
A pilot randomised controlled trial of fortified Human Donor Milk or Preterm Formula in preterm babies (PREMFOOD)
Current position: Consultant Neonatologist
- 24) Susanna Sakonidou, PhD 2023, Imperial College London; Co-supervisor
Better Use of Data to improve parent Satisfaction (BUDS): A mixed method project using quality improvement methodology to improve parent experience of neonatal care
Funding: NIHR fellowship
Current position: Consultant Neonatologist

Current PhD Students

- 25) Emily Prior; Imperial College London; Principal supervisor
The body composition of the ex-preterm infant in childhood (EPIC) study
Funding: MRC fellowship
- 26) Ding Yingjing (Irene); Imperial College London; Co-supervisor
Optimising design and analysis features of paediatric trials in uncommon conditions and rare diseases