

The Essential Knowledge for Obstetric Medicine

Semester 2: 16th January – 29th March 2023

Delegate Information Booklet

Dear Delegates,

Thank you for your interest in The Essential Knowledge for Obstetric Medicine free standing module. This booklet contains information about the staff who will be teaching on the course and an overview of the course including the timetable and assessment format. It is designed to outline the essential information which might be useful to you as you decide to apply. The Course Handbook will be provided separately upon enrolling to the course.

Yours Sincerely,

Anita

A handwritten signature in grey ink, appearing to read 'Anita Banerjee'.

COURSE OPTIONS

Postgraduate Medicine Free Standing Module (30 Credits);

Postgraduate Medicine Free Standing Module (0 Credits):

Candidates wishing to participate in the course without undertaking the formal assessments, may chose to do so by selecting the course as a zero-credit free-standing module. In this case, participants will remain part of the same learning environment as candidates undertaking the credit-bearing module, but will not participate in the formal assessment activities (Essay and Oral Presentation). All participants will be allocated to Action Learning Teams, and participants selecting the non-credit bearing option will be required to contribute to the oral presentation as a learning activity. You will receive a Certificate of Completion for this option.

ASSESSMENT AND FEEDBACK

Formative and summative assessments:

Formative assessments: Your feedback and any mark (if given) for any formative activities will not go towards your final result. The grade and feedback you receive are designed to help you develop and improve your work.

Summative assessments (for credit-bearing route): All marks for assessments (essays and oral presentation) are described as summative and are used to calculate your final mark.

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|------------------------------|------------------------|--|
| Summative Assessment | 80% of the course mark | Written assignment: Critical Reflective Essay (3500words) |
| Summative Assessment (final) | 20% of the course mark | Oral Presentation (30 minutes) - an individual's assessment which is part of a group's work. |

COURSE DELIVERY

The course mode is blended with the number of face-to-face teaching events and online tutorials and resources. It includes four in-person Lecture Days on the 19th and 20th January, and 28th and 29th March, 2023 which will include the Introduction to the module, interactive lectures, journal clubs, SIM workshop and a final presentation assessment.

LECTURES AND WORKSHOPS (IN-PERSON)

**May be delivered online in the event that Covid-19 restrictions apply*

Thursday, 19th January 09:00 – 17:00

| Time | Program |
|---------------|---|
| 09.00 – 09.30 | Welcome and Introductions (Anita Banerjee) |
| 09.30 – 10.30 | Introduction to the Course (Anita Banerjee) |
| 10.30 – 11.15 | Basics of Obstetrics and why it matters (Lisa Story, KCL/GSTT) |
| 11.15 | Break (15min) |
| 11.30 – 12.15 | Respiratory (Eui-Sik Suh, GSTT) |
| 12.15 – 13.00 | CVS Cardiology (Hannah Douglas, GSTT) |
| 13.00 – 13.45 | Lunch |
| 13.45 – 14.30 | Rheumatology (Oseme Etomi, GSTT) |
| 14.30 – 15.15 | Neurology (Jennifer Nightingale, GSTT, and Surabhi Nanda, GSTT) |
| 15.15 | Tea Break (15min) |
| 15.30 – 16.15 | Prehospital Care (Camella Main, London Ambulance, NHS) |
| 16.15 – 17.00 | Q&A about course and assessments how these will work |

Friday, 20th January 09:00 – 17:00

| Time | Program |
|---------------|---|
| 09.00 – 09.15 | Greetings and Q&A with Anita Banerjee) |
| 09.15 – 10.00 | Diabetes and Endocrinology (Anna Brackenridge, GSTT) |
| 10.00 – 10.45 | Mental Health (Sonji Clarke, GSTT) |
| 10.45 | Break (15min) |
| 11.00 – 12.00 | Basic Anaesthetics and Non-invasive ventilation (Lindsay Arrandale, GSTT) |
| 12.00 – 13.00 | Approach to airway management (Desire Onwochei, GSTT) |
| 13.00 – 13.45 | Lunch |
| 13.45 – 14.15 | Liver and Gastroenterological disorders (Catherine Williamson, KCL) |
| 14.15 – 15.00 | Renal (Taryn Pile, GSTT) |
| 15:00 | Tea Break (15min) |
| 15.15 – 16.00 | Hypertensive disorders (Nick Kametas, KCL) |
| 16.00 – 16.45 | Haematology (Sue Parvord, (RTH, OUH) |
| 16.45 – 17.30 | Course summary and next steps (including Assessments) (Anita Banerjee) |
| 18:00 | Dinner: Remsima SC sponsored event with the speakers |

LECTURES AND WORKSHOPS (IN-PERSON)

**May be delivered online in the event that Covid-19 restrictions apply*

Tuesday, 28th March 09:00 – 17:00

| Time | Program |
|--|---|
| 09.00 – 09.15 | Introduction and housekeeping (Anita Banerjee) |
| 09.15 – 10.00 | Introduction to Clinical Research in Obstetric Medicine (Andrew Shennan, KCL) |
| 10.00 – 11.00 | Opportunity for Action: Learning teams to meet and discuss their presentations |
| 11.00 | Break (15min) |
| <p><i>*In the afternoon, the groups will rotate for SIM and Oral Presentation preparation activities</i> <i>*Time will be allocated between the Action Learning Teams</i></p> | |
| 11.15 – 13.00 | Approach to the deteriorating patient simulation (To be undertaken in Action Learning Teams) Facilitator: Anita Banerjee, Actor: Evgenia Kovryga |
| | Preparation for the Oral Presentation (To be undertaken in Action Learning Teams) |
| 13.00 – 13.45 | Lunch |
| 13.45 – 15.00 | Approach to the deteriorating patient simulation (To be undertaken in Action Learning Teams) Facilitator: Anita Banerjee, SIM Actor: Evgenia Kovryga |
| | Preparation for an Oral Presentation (To be undertaken in Action Learning Teams) |
| 15:00 | Coffee break (tea and coffee provided) |
| 15.15-16.00 | Drugs in Pregnancy and Lactation in women with multi-morbidity Q&A (Anita Banerjee) |
| 16.00-16.30 | Q&A and Wrap up |

29th March 09:00 – 17:00

| Time | Program |
|--|---|
| 9.00 – 9.15am | Intro: Plan for the day (Anita Banerjee) |
| 9.15 – 10.00am | Maternal medicine networks and the Obstetric Landscape (Daghni Rajasingam, KCL) |
| 10-10.45am | Social-political landscape and policymaking (Jane Sandall, KCL) |
| 10.45 | Coffee break (tea/coffee provided) |
| 11:00am-11.45am | Maternal Global Health and sickle cell disease (Eugene Oteng-Ntim, GSTT) |
| 11:45 – 12:30pm | Lunch |
| 12.30-16.00pm | Assessment: Oral Presentations (including a coffee break) |
| <i>*Time will be split between the teams</i> | All Action Learning Teams |
| 16.00 – 17:00pm | Summary, Reflections and Feedback |

WEEKLY LEARNING ACTIVITIES (ONLINE)

The learning material and academic resources are provided online on KEATS (King's E-learning and Teaching Service). The course includes 300 learning hours, 180 of these are dedicated self-learning time. A reading list will be provided and it is essential that all participants refer to this.

| W1: w/c 16/1 | W2: w/c 23/1 | |
|---|---|--|
| In-person Events: Thursday, 19 th Jan: Course Introduction and Lectures (Day 1); Friday, 20 th Jan: Course Introduction and Lectures/Workshops (Day 2). | Tuesday Surgery with Anita Banerjee: group session for the course enquiries and support. | Thursday Tutorial (17:30 - 19:30pm) Introduction: Course Structure and Questions about learning activities and Essays Title by Anita Banerjee. KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. |
| W3: w/c 30/1 | W4: w/c 6/2 | |
| Thursday Tutorial (17:30 - 19:30pm) How-To Presentations: 1) Part I: Case Study (including Blog) by Anita Banerjee (with Julia Bilinska) and 2) Part II: Journal Club Preparation/Guidance by Natalie Suff. | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. | Thursday Tutorial (17:30 - 19:30pm) Journal Club led by Panicos Shangaris and Natalie Suff. KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. |

| W5: w/c 13/2 | | W6: w/c 20/2 | | |
|---|--|--|---|--|
| Thursday Tutorial (17:30 - 19:30pm) Prehospital and MDT by Camella Main. | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. | READING WEEK (Deadline for the draft Essay). | Tuesday Surgery with Anita Banerjee: group session for course enquiries and support. | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. |
| W7: w/c 27/2 | | W8: w/c 6/3 | | |
| Thursday Tutorial (17:30 - 19:30pm) Journal Club led by Laura Magee, Surabi Nanda and Nick Kametas. | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. | Thursday Tutorial (17:30 - 19:30pm) Intensive Care (ICU) by Bhasker Narayandr and Acute Care by Lojana Chandrarajan. | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. | |
| W9: w/c 13/3 | | W10: w/c 20/3 | | |
| Thursday Tutorial (17:30 - 19:30pm) Endocrinology by Anita Banerjee and Genetic conditions and pre-implantation genetic diagnosis (PGD) by Madeline Vernon. | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. | Tuesday Surgery with Anita Banerjee: group session for course enquiries and support. | Thursday Tutorial (17:30 - 19:30pm) Pharmacy by Anita Banerjee. | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. |



| W11: w/c 27/3 | | Post-course: Teaching/Revision: 24/4– 28/4 |
|--|---|--|
| In-person Lectures and Workshops (28th and 29 th March) | KEATS Resources: Reading List, Blog, Study Skills and Support, lecture presentations and resources. | |

Course Teaching Staff

Academic Lead

1. **Dr Anita Banerjee, FRCP FHEA. Obstetric Physician, Diabetes and Endocrinology and GIM Consultant, Honorary Reader in Obstetric Medicine, King's College London, Deputy Director of Medical Education.**



Anita is an Obstetric Physician and Diabetes and Endocrinology Consultant. She is an Honorary Reader in Obstetric Medicine, at King's College London and Deputy Director of Medical Education at Guys and St Thomas' Hospitals NHS Foundation Trust. She is the Secretary of the MacDonald Obstetric Medicine Society. She is one of the central physician assessors for the UK Confidential maternal deaths enquiry. She has published articles, guidelines and book chapters on a wide variety of medical conditions in pregnancy. She is one of the leading authors of the RCP Acute Care Toolkit on managing acute medical problems in pregnancy. She is on the steering committee for mMOET, as the lead advisor for medical problems in pregnancy. Her main interests are high risk pregnancies, the management of the deteriorating pregnant woman and education. Twitter @anitaobsmed

Course Administration



Evgenia Kovryga

Education and Training Officer, King's Health Partners, Women and Children's Health and Diabetes, Endocrinology and Obesity.



Nandi Simpson

Programme Lead, King's Health Partners, Women and Children's Health.

Course Lecturers and Facilitators

1. **Lindsay Arrandale, Guys and St Thomas' Hospitals NHS Foundation Trust.**



Dr Lindsay Arrandale is a Consultant Anaesthetist at St Thomas' Hospital with specialist interests in Obstetric Anaesthesia, Lower GI Anaesthesia and Anaesthesia for Neuromuscular conditions requiring non-invasive ventilation. She is GSTT anaesthetic lead for Obstetric Pre-assessment Service Development and is involved in the management of highly complex cardio-respiratory patients in pregnancy.

2. **Anna Brackenridge, Guys and St Thomas' Hospitals NHS Foundation Trust.**

Dr Anna Brackenridge is a Consultant in Diabetes, Guy's and St. Thomas' NHS Foundation Trust.

3. **Lojana Chandrarajan, Consultant Acute Medicine, Obstetric Medicine, Deputy Guardian of Safe Working, University Hospital Lewisham.**

4. **Sonji Clarke, Consultant Obstetrician, Guys and St Thomas' Hospitals NHS Foundation Trust.**



Dr Clarke is a Consultant Obstetrician and Guys and St Thomas' Hospital who is trained as a high risk obstetrician. As well as being an educator, Dr Clarke's interest is in pregnancy with complex social factors, with particular expertise in safeguarding, teenage pregnancy and perinatal mental health. Dr Clarke's interest in education has spanned schools, undergraduate and postgraduate education, including multi-professional education, including simulation for obstetrics and gynaecology.

5. **Hannah Douglas, Consultant Cardiologist, Guys and St Thomas' Hospitals NHS Foundation Trust.**
6. **Oseme Etomi, Consultant Obstetric Physician and Rheumatologist, Guys and St Thomas' Hospitals NHS Foundation Trust.**
7. **Nick Kametas, Faculty of Life Sciences & Medicine, King's College London; King's College Hospital.**
8. **Laura Magee, Professor of Women's Health, Department of Women & Children's Health, King's College London.**

Laura Magee is a general obstetric internist (Internal Medicine and Clinical Pharmacology, Royal College of Canada); Fellow ad eundem, Royal College of Obstetricians and Gynaecologists (RCOG), UK; former Chair, Maternal Medicine Clinical Study Group of the RCOG; and immediate Past-President, International Society for the Study of Hypertension in Pregnancy. In 2017, she joined King's College London as Professor of Women's Health, following academic consultant posts at St. George's, University of London, UK (2015-2017), and the Universities of British Columbia (2000-2015) and Toronto (1996-2000), Canada. Laura's research is focused on pregnancy hypertension, particularly antihypertensive therapy.

9. **Camella Main, London Ambulance Service, NHS Trust.**



Camella is a Practice Lead Midwife in Pre Hospital Maternity Care at London Ambulance Service. This role involves all aspects of optimising emergency maternity care provided by ambulance clinicians. Previously Camella has worked at St Thomas' Hospital for a number of years as a matron, labour ward co-ordinator, patient experience lead and fetal monitoring lead. She has also worked in Haiti, Tanzania, New Zealand and the Netherlands.

10. **Surabhi Nanda, Consultant Maternal Fetal Medicine, Guys and St Thomas' Hospitals NHS Foundation Trust.**

11. Bhaskar Narayan, Consultant Intensivist and Acute/Obstetric Physician.

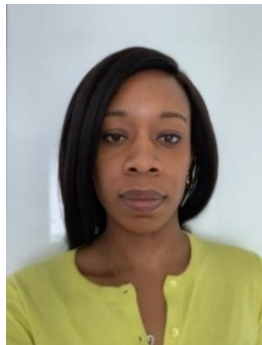


Dr Bhaskar Narayan is a Consultant Intensivist and Obstetric Physician working at Manchester Royal Infirmary. He trained in Cambridge, London, South East England and Greater Manchester, followed by a fellowship in Melbourne.

He has taught at local, regional and national courses, and has multiple presentations and publications in the field of obstetric medicine. He has a particular interests in venous thrombo-embolism and the multidisciplinary interface between critical care, acute medicine and maternity services. Find him on Twitter @ICUMedix.

12. Jennifer Nightingale, Advanced Nurse Practitioner-Epilepsy, Guys and St Thomas' Hospitals NHS Foundation Trust.

13. Desire Onwochei, Consultant Anaesthetist at Guy's and St. Thomas' NHS Foundation Trust.



Dr Onwochei studied at University College London medical school and undertook anaesthetic training in South East School of Anaesthesia. She is now a substantive Consultant Anaesthetist at Guy's & St. Thomas' NHS Foundation Trust. Dr Onwochei completed fellowships in regional anaesthesia and airway management at Guy's & St. Thomas', as well as an obstetric anaesthesia fellowship in Toronto, Canada. Dr Onwochei has undertaken research in these areas, securing a number of publications in peer-reviewed journals. She has a keen interest in regional and obstetric anaesthesia, as well as advanced airway management having taught on courses at the local, national and international levels.

14. Eugene Oteng-Ntim, Consultant Obstetrician at Guy's and St Thomas' NHS Foundation Trust, Professor of Obstetrics, Department of Women and Children's Health, School of Lifecourse Sciences, GSST.

15. Sue Parvord, RTH, Oxford University Hospitals.



Dr Sue Pavord is a Consultant Haematologist at Oxford University Hospitals and has been a key player in the development of Obstetric Haematology as a subspecialism in the UK over the last 20 years. She runs an annual international course on haematology in obstetrics, has published widely and authored national and international guidelines, Cochrane reviews and consensus documents. Her 4 recent UK guidelines highlight her pragmatic approach and focus on planning, anticipation and attention to detail, to prevent complications in this high-stakes area of clinical practice.

16. Taryn Pile, Consultant Nephrologist and General Physician, Guys and St Thomas' Hospitals NHS Foundation Trust.



Dr Taryn Pile is a Consultant Nephrologist and General Physician who has worked at Guys and St Thomas' Hospital since 2011. She has a special interest in pregnancy and pregnancy related issue in patient with renal disease. She is a member of the team that delivers specialist pre-pregnancy counselling advise to women with renal disease wanting to fall pregnant

17. Daghni Rajasingam, Deputy Medical Director, GSTT, Honorary Reader in Healthcare Management and Leadership, King's College London, Regional Obstetric Lead South-East of England, NHSE.



Daghni Rajasingam is a consultant obstetrician with a specialist interest in high risk maternal care, who is passionate about reducing health and gender inequalities. Daghni is Deputy Medical Director at Guys and St Thomas Hospital Foundation Trust with a portfolio for leadership development, quality improvement and resilience and is the Regional Lead Obstetrician for South-East of England. She is a maternity clinical advisor to the Healthcare Safety Investigation Branch. Daghni has a Masters in Leadership and Partnership Working and has an honorary readership with Kings College London in Healthcare Management and Leadership.

She is an accredited Executive Coach and trained mediator in alternative dispute resolution.

She is actively involved in research and training for resilient healthcare professionals and is the senior clinical lead for Care Redesign Improvement System (the improvement system at Guys and St Thomas' Hospital Foundation Trust).

18. Jane Sandall, King's College London, Jane Sandall, Professor of Social Science and Women's Health, NIHR Senior Investigator, Faculty of Life Sciences & Medicine, KCL. Theme lead Maternity and Perinatal Health NIHR ARC South London and Head of Midwifery and Maternity Research NHS England

Jane Sandall is a Professor of Social Science and Women's Health, NIHR Senior Investigator, Faculty of Life Sciences & Medicine, King's College London. She is Head of Maternity and Midwifery Research, NHS England and Improvement.

19. Panicos Shangaris, King's College London.

Panicos Shangaris is an NIHR Academic Clinical Lecturer, subspecialising in Maternal & Fetal Medicine at King's College London, based at Guy's and St Thomas' campus. He studied for a PhD at UCL funded by a Wellcome Trust SPARKS Research Training Fellowship and UCLH Charities on the subject: "Can we treat genetic blood disorders by transplantation of stem cells /gene therapy to the fetus?" under the supervision of Professor Anna David and Professor Paolo De Coppi. His research focuses on prenatal therapy for Sickle Cell Disease. This exciting developing area combines stem cell research, immunology, and prenatal reprogramming. He is keen to form new collaborations with both scientists and clinicians.

20. Andrew Shennan, Professor of Obstetrics, Clinical Director South London CRN, Department of Women and Children's Health, School of Life Course Sciences, Faculty of Life Sciences & Medicine, King's College London.

21. Lisa Story, NIHR Clinician Scientist/Consultant in Obstetrics and Fetal Medicine, Guys and St Thomas' Hospitals NHS Foundation Trust.



Dr Lisa Story is an NIHR Clinician Scientist at King's College London and Honorary Consultant in Obstetrics and Fetal Medicine at St Thomas' Hospital. Her research utilises advanced MRI techniques in high risk pregnancies

22. Natalie Suff, King's College London and Guys and St Thomas' Hospitals NHS Foundation Trust.



Dr Natalie Suff is a clinical lecturer with a research interest in preterm birth at King's College London. She is a Senior Registrar in Obstetrics and Gynaecology in St Thomas' Hospital, London. She completed her PhD at UCL studying the mechanisms behind infection-related preterm birth. She has recently been awarded a Wellcome Clinical research career development fellowship. Her expertise is in the field of preterm birth with a particular interest in understanding the mechanisms behind preterm birth and developing novel preventative therapies.

23. Eui-Sik Suh, Guys and St Thomas' Hospitals NHS Foundation Trust.

Eui-Sik is a Consultant in Respiratory and Ventilation Medicine at the Lane Fox Respiratory Service, St Thomas' Hospital, London, where he is also Deputy Director for Undergraduate Medical Education. He is an Honorary Senior Lecturer in the Faculty of Life Sciences and Medicine at King's College London. He completed his specialist training in Respiratory Medicine in London. He was awarded a PhD in Clinical Respiratory Physiology by King's College London for research into respiratory muscle physiology during exacerbations of COPD. His research interests remain in COPD exacerbation physiology and chronic respiratory failure.

24. Madeline Vernon, Consultant Nephrologist, Obstetric Physician, St James's University Hospital, Leeds.

Madeline a Consultant Nephrologist at Leeds Teaching Hospitals NHS Trust and run a renal obstetric clinic and also have a special interest in PKD and run a dedicated clinic for this in addition to transplantation. We have well established links with the fertility unit in the context of this work

25. Catherine Williamson



Catherine Williamson is Professor of Women's Health at Kings College London (KCL) and Honorary Consultant in Obstetric Medicine at St Thomas' and King's College Hospitals. She is the Head of Department of Women and Children's Health at KCL. Catherine is a Fellow of the Academy of Medical Sciences and a NIHR Senior Investigator. In her clinical practice she manages women with hepatic, endocrine and other medical disorders in pregnancy. Her research focuses on the hormonal signals that influence metabolism in pregnancy and the ways these changes affect the health of pregnant women and their children. She also leads clinical trials informed by the scientific studies she performs with the aim of improving maternal and child health.