



Royal College of  
Obstetricians  
and Gynaecologists

# UKOSS

UK Obstetric Surveillance System



65

## NEWSLETTER 65 - January 2023

65

### UKOSS Study Day success!

In November we successfully held our first ever Study Day. Almost 300 clinicians from a wide variety of specialities attended the day. We understand that many of you were unable to attend on the day but are still interested in watching the presentations, we are therefore making many of the presentations available at [www.npeu.ox.ac.uk/ukoss](http://www.npeu.ox.ac.uk/ukoss). Please note that we cannot upload some of the presentations until the study results have been officially published, so please keep an eye on the website for these as they will be added in the near future. We would like to extend our thanks to all the speakers who contributed with particular thanks to Claire Williams and David Churchill (Co-Chairs of the Steering Committee) who assisted Marian Knight with chairing the day. We received overwhelmingly positive and valuable feedback from attendees which we will use going forward not only when planning any future study days but also when developing new UKOSS studies and discussing new topic areas. If you have any questions regarding the day, please contact the ukoss team at [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk).

*"Great day. Have been educated by UKOSS since 2005 and use data for teaching and dissemination"*

*"Use of Teams and IT was smooth and the whole day was very well organised and prepared"*

*"...highlighted to me the importance of recording cases for inclusion"*

*"Brilliant, thank you"*

### Congratulations to Marian Knight!



We are delighted to announce that Marian has been awarded an MBE for services to maternal and public health in the New Year Honours list. Alongside being

Head of UKOSS, Marian also leads on the MBRRACE-UK maternal programme and numerous other high profile research projects focusing on the care and prevention of severe complications in pregnancy and early life. This honour reflects the contribution of not only the research teams based in Oxford, but also that of all our UKOSS reporters so Marian would like to extend an enormous thank you to you all!

*"So valuable and such an insight into the importance of the UKOSS data collection"*

*"Engaging"*

*"Excellent informative study day"*

THIS MONTH

- Meet new members of the steering committee
- Contacts survey results
- Case definition reminders



## Meet our New UKOSS Steering Committee Members...

We have recently welcomed a number of new members to the UKOSS Steering Committee: Sarah Davies (Midwife, Welsh representative), Charlotte Frise and Yasmin Jamil (Obstetric Physicians), Barbara Macafee (Anaesthetist, Northern Ireland representative) and Vinnie Sodhi (Obstetric Anaesthetists's Association representative).

We would like to thank Anita Banerjee (Obstetric Physician) and Jo Olagboyega (Midwife) who have both now come to the end of their terms on the steering committee. Their dedication and support over the years has been invaluable.

Meet some of our new members below and look out for more member profiles in our next newsletter!

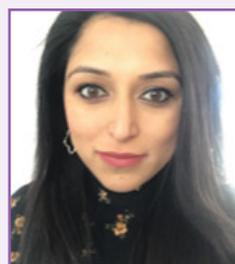
*Sarah Davies qualified as a midwife in 2007 and began working some of her hours in research on the FM Alert trial in 2012. Sarah now manages both the Neonatal and Reproductive Health and Childbirth Portfolios across North Wales and became an NIHR RH&C Champion representing Wales in 2019.*

*Sarah was the local lead reporter for the UKOSS COVID study, and is a registered UKOSS reporter.*

*In early 2020, Sarah completed a secondment as a trial manager for a Welsh Government funded project relating to complex PTSD. Sarah is now passionate about trauma-informed care and is a member of the local Maternity Voices and Birth Trauma forums.*



*Charlotte Frise is a Consultant Obstetric Physician based at Queen Charlotte's and Chelsea Hospital in London. She was recently appointed as Lead Consultant Obstetric Physician for NW London. She is co-editor-in-chief of the journal *Obstetric Medicine: the medicine of pregnancy*, and author of *Obstetric Medicine*, in the *Oxford Specialist Handbooks of Obstetrics and Gynaecology* series. Her second book, *Oxford Case Histories in Obstetric Medicine* is due in 2023. She is also a Senior College Lecturer in Clinical Medicine at Keble College, University of Oxford. She greatly enjoys clinical work and is looking forward to being part of the steering committee to help address important areas in clinical care.*



*Yasmin Jamil graduated in 2006 and has a background in Acute and General medicine. Having trained in obstetric medicine at Guys and St Thomas Hospital in 2016, she is now a Consultant Obstetric Physician co-leading the North Central London Maternal Medicine Network. She is also junior consultant representative for the joint committee for RCP and MOMS and member of the Society for Acute Medicine Obstetric Medicine Interface Group. Her other role is an acute medical consultant at Whittington Hospital NHS Trust where she is the mortality lead for the acute medicine department. Alongside these roles she is clinical advisor to HSIB. She has a passion for improving acute care pathways for pregnant women as well as learning from incidents and deaths and now is very much looking forward to supporting research in rare disorders in pregnancy.*

*Vinnie Sodhi has been the Clinical Lead for High Risk Obstetric Anaesthesia at Queen Charlotte's and Chelsea Hospital since she was appointed as a consultant in 2004. As such she has always been passionate about safety and quality of care for all mothers, and has thus been actively involved in education and research to optimise care. Vinnie has served on the Obstetric Anaesthetists Association Executive Committee supporting the production of guidelines for anaesthetic care in maternity, and the provision of evidence-based information for mothers. She is delighted now to have the opportunity to work with UKOSS as the OAA representative on the UKOSS committee. Vinnie hopes to be able to further contribute to the information available to mothers and healthcare professionals so that mothers can receive optimal care.*



## Case Definition Reminders!

We thought it would be useful to remind you of some of the case definitions for our studies to ensure that the correct cases are being reported to us. We have recently been receiving a number of cases reported in error so it would assist us greatly if the case definition was checked prior to the report being submitted.

### Biologics:

All pregnant women identified as having taken one of the following biological agents for the indication of treatment of an inflammatory disorder in pregnancy:

Natalizumab, Duplilimab, Mepolizumab, Ustekinumab, Belimumab, Rituximab, Secukinumab, Ixekizumab, Tocilizumab, Canakinumab, Anakinra, Sarilumab, Abatacept, Guselkumab, Omalizumab, Dupilumab, Mepolizumab, Vedolizumab, Rinsakizumab, Anifrolumab, and 'other' novel biological agent (***excluding any TNF inhibitors such as Etanercept, Adalimumab, Infliximab, Certolizumab and their biosimilars***).

### New Therapies for Influenza:

Any pregnant woman admitted to hospital with influenza who receives *at least one dose of intravenous Zanamivir*.

### Pregnancy in Women with Known Cardiomyopathy

All pregnant women with an established diagnosis of cardiomyopathy. This includes women with known dilated cardiomyopathy, hypertrophic cardiomyopathy, previous peripartum cardiomyopathy and arrhythmogenic right ventricular cardiomyopathy (ARVC).

### SEVERE Pyelonephritis:

All pregnant women with severe pyelonephritis requiring hospital admission and IV antibiotics for at least 48 hours (*Pyelonephritis defined as at least 2 of the following: pyrexia / loin pain / positive urine culture*)

### Thombotic Microangiopathy Associated Pregnancy Acute Kidney Injury

All pregnant women who meet the following criteria:

A rise in serum creatinine to  $>200$  mmol/l **AND** platelet count  $<150 \times 10^9$  **AND** at least one evidence of haemolysis (fragments on blood film, haptoglobin below lower limit of normal or lactate dehydrogenase above upper limit of normal)

**Excluded:** All women established on renal replacement therapy prior to the acute AKI episode.

## Studies recently closed or closing soon

### Bone Marrow Transplant

This study ended on 31st December 2022. We will be chasing any outstanding data collection forms or data queries over the next few months. Please ensure you return any missing data as soon as possible.

### New Therapies for Influenza

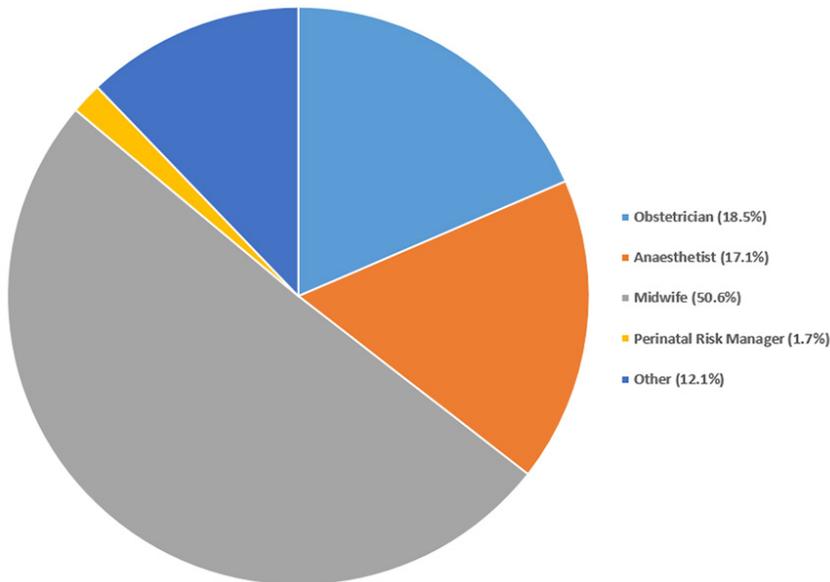
This study closes in April. Please could you double check that no cases have been missed and notify us as soon as possible if any cases have been identified.

## New study starting soon: Non-invasive ventilation in pregnancy

Please keep an eye out for a new UKOSS study starting soon on non-invasive ventilation in pregnancy. The study is due to begin in the next month or so and we will be sending out all the relevant information (such as the protocol and case definition) as soon as possible.

# Contacts survey from 2022

**Fig.1. Number of responses by speciality**



Thank you to everyone who completed our UKOSS Contacts Survey which was sent out at the end of summer last year. All your responses have helped us streamline our database, ensuring we are contacting the correct reporter in each unit and therefore helping the system/reporting process run smoothly.

We had **346 responses** to our survey across various specialities (see chart).

NB: 'Other' included roles such as Research Assistant, Audit Officer, Data Manager and Quality Governance Manager.

If you didn't complete the survey and would like to update us with the current UKOSS contacts in your unit, then please email [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk) and one of the team will assist you.

## Case Report Summary for Studies up until the end of November 2022

Study	Actual number of reported cases	Data collection forms returned (%)	Expected number of confirmed cases
Amniotic Fluid Embolism	299	286 (96)	214
Biologic Agents in Pregnancy	81	31 (38)	176
New Therapies for Influenza	3	0 (0)	147
Pregnancy following Bone Marrow Transplant	38	31 (82)	147
Pregnancy in Women with Known Cardiomyopathy	134	83 (62)	299
Severe Pyelonephritis in pregnancy	16	8 (50)	100
Severe Respiratory Virus – RECOVERY trial	2	1 (50)	34
Thrombotic Microangiopathy Associated Pregnancy Acute Kidney Injury	10	7 (70)	226

# Hospital Monthly Reporting Rates: September - November 2022

3 months reported, 2 months reported, 1 month reported, 0 months reported

Altnagelvin Area Hospital	Princess Royal Hospital (Telford) - Telford	Bradford Royal Infirmary
Aneurin Bevan University Health Board	Queen Charlotte's and Chelsea Hospital	Daisy Hill Hospital
Antrim Hospital	Queen Elizabeth Hospital (Gateshead) - Gateshead	Furness General Hospital
Arrowe Park Hospital	Queen Elizabeth Hospital (Kings Lynn) - Kings Lynn	Guy's and St Thomas' Hospital
Ayrshire Maternity Unit	Queen Elizabeth Hospital (Woolwich) - Woolwich, London	Hinchingbrooke Hospital
Barnet Hospital (Royal Free London NHS Foundation Trust)	Queen Elizabeth the Queen Mother Hospital	Homerton University Hospital
Basildon Hospital	Queen's Medical Centre	Hull Royal Infirmary
Bedford Hospital	Rosie Maternity Hospital	James Cook University Hospital
Borders General Hospital	Rotherham District General Hospital	Jersey General Hospital
Bronglais Hospital	Royal Albert Edward Infirmary	Manor Hospital - Walsall
Broomfield Hospital	Royal Alexandra Hospital	Ninewells Hospital & Medical School
Caithness General Hospital	Royal Cornwall Hospital	Nottingham City Hospital
Calderdale Royal Hospital	Royal Derby Hospital	Princess Royal Maternity Hospital
Causeway Hospital	Royal Devon & Exeter Hospital	Queen's Hospital (Burton) - Burton-on-Trent
Chelsea & Westminster Hospital	Royal Free Hospital	Raigmore Hospital
Chesterfield & North Derbyshire Royal Hospital	Royal Jubilee Maternity Service	Royal Berkshire Hospital
City Hospital (Birmingham)	Royal Sussex County Hospital	Royal Hampshire County Hospital
Colchester General Hospital	Royal Victoria Infirmary	Royal Lancaster Infirmary
Countess of Chester Hospital	Russells Hall Hospital	Royal London Hospital
Craigavon Area Hospital	Scunthorpe General Hospital	Royal Surrey County Hospital
Croydon University Hospital	Simpson Centre for Reproductive Health	Royal United Hospital
Cumberland Infirmary	Singleton Hospital	Salisbury District Hospital
Darent Valley Hospital	South West Acute Hospital	Southend University Hospital
Doncaster Royal Infirmary	Southern General Hospital	St George's Hospital
Dorset County Hospital	Southmead Hospital	St Peter's Hospital
Dumfries & Galloway Royal Infirmary	St Helier Hospital	St Richard's Hospital
East Surrey Hospital	St James's University Hospital	Sunderland Royal Hospital
East Sussex Healthcare NHS Trust (Conquest Hospital)	St John's Hospital	The Tunbridge Wells Hospital
Epsom General Hospital	St Mary's Hospital (Isle of Wight) - Newport	Ulster Hospital
Forth Valley Royal Hospital	St Mary's Hospital (London) - London	University Hospital of Wales
George Eliot Hospital	St Mary's Hospital (Manchester) - Manchester	West Cumberland Hospital
Glan Clwyd District General Hospital	St Michael's Hospital	Wexham Park Hospital
Glangwili General Hospital	Stoke Mandeville Hospital	Whipps Cross University Trust Hospital
Gloucestershire Royal Hospital	Tameside General Hospital	Wishaw General Hospital
Good Hope Hospital	The Great Western Hospital	Airedale General Hospital
Harrogate District Hospital	The Jessop Wing	Darlington Memorial Hospital
Hereford County Hospital	The Portland Hospital	Lancashire Women and Newborn Centre
Ipswich Hospital	Torbay Hospital	Leicester Royal Infirmary
James Paget University Hospital	University Hospital of Coventry & Warwickshire	Liverpool Women's Hospital
Kettering General Hospital	University Hospital of North Midlands - Stoke-on-Trent	Milton Keynes Hospital
King's Mill Hospital	Victoria Hospital - Blackpool	Newham General Hospital
Kingston Hospital	Victoria Hospital - Kirkcaldy	Poole Hospital
Lancashire Teaching Hospitals (Royal Preston Hospital)	Warrington Hospital	Princess Royal University Hospital
Leeds General Infirmary	Warwick Hospital	Queen Alexandra Hospital
Leighton Hospital	Watford General Hospital	Queen's Hospital (Romford) - Romford, Essex
Lincoln County Hospital	West Middlesex University Hospital	University Hospital Lewisham
Lister Hospital	West Suffolk Hospital	University Hospital of North Tees
Luton & Dunstable Hospital	Western Isles Hospital	<b>Bassetlaw District General Hospital</b>
Medway Maritime Hospital	Whiston Hospital	<b>Derriford Hospital</b>
Musgrove Park Hospital	Whittington Hospital	<b>Diana Princess of Wales Hospital</b>
New Cross Hospital	William Harvey Hospital - East Kent	<b>Frimley Park Hospital</b>
Nobles Hospital, Isle of Man	Worthing Hospital	<b>John Radcliffe Hospital</b>
Norfolk & Norwich University Hospital	Wrexham Maelor Hospital	<b>King's College Hospital</b>
North Devon District Hospital	Wythenshawe Hospital	<b>Leicester General Hospital</b>
North Middlesex University Hospital	Yeovil Women's Hospital	<b>North Manchester General Hospital</b>
Northumbria Specialist Emergency Hospital	York Hospital	<b>Northampton General Hospital</b>
Northwick Park Hospital	Ysbyty Gwynedd District General Hospital	<b>Princess Elizabeth Hospital (Guernsey)</b>
Ormskirk District General Hospital	Aberdeen Maternity Hospital	<b>Princess Royal Hospital (Haywards Heath) - Haywards Heath</b>
Peterborough City Hospital	Barnsley Hospital	<b>Royal Bolton Hospital</b>
Pilgrim Hospital	Basingstoke and North Hampshire Hospital	<b>Royal Oldham Hospital</b>
Pinderfields General Hospital	Birmingham Heartlands Hospital	<b>Scarborough Hospital</b>
Prince Charles Hospital	Birmingham Women's Hospital	<b>Stepping Hill Hospital</b>
Princess Alexandra Hospital		<b>The Hillingdon Hospital</b>
Princess Anne Hospital		<b>University College Hospital</b>
Princess of Wales Hospital		<b>University Hospital of North Durham</b>
		<b>Worcestershire Royal Hospital</b>

## Important reminder!

Please remember that UKOSS only collects anonymous data. Therefore, when you have reported a case, please keep a record of the woman's details at your units so that you can easily identify the woman once you receive the data collection form. We have made a template to assist with this (see below). If you would like access to it, please email [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk) and we will be more than happy to send it to you.



## Cases Reported

If you have reported cases, please complete and keep for reference

Condition	Month/Year Reported	Woman's Hospital Number	UKOSS ID number	Reported by...

## Star Reporters

We would like to thank all of our reporters for their continued hard work – without you, our research would not be possible. As a small gesture of our appreciation, the following star reporters will receive some edible goodies:

**Anoop Surendran, of Queen Elizabeth Hospital, King's Lynn**, for improving reporting at the site and **Tessa Bonnett, of The Jessop Wing**, for long and consistent contribution to UKOSS.  
**Gill Travers, of The Great Western Hospital**, for being the first to complete our UKOSS Contacts Update Survey!



## UKOSS Certificates of Contribution

We are aware that as part of your GMC revalidation or NMC Continual Professional Development, you are required to provide evidence of participation in national audit and research. If any UKOSS reporters would like to receive a certificate confirming their contribution to UKOSS, please email us at [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk) and we will get one emailed to you.



## Do you have an idea for a UKOSS study?

If you would like to discuss applying to run a UKOSS study or would merely like to propose a topic you feel would be perfect for UKOSS to cover, please do get in touch. We accept new study applications throughout the year as the Steering Committee meet regularly to assess all new proposals. For more information about how to apply, please visit:

[www.npeu.ox.ac.uk/ukoss/research-platform/survey-applications](http://www.npeu.ox.ac.uk/ukoss/research-platform/survey-applications)

or contact us at:

[ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk) or 01865 617764.

