



Royal College of
Obstetricians
and Gynaecologists

UKOSS

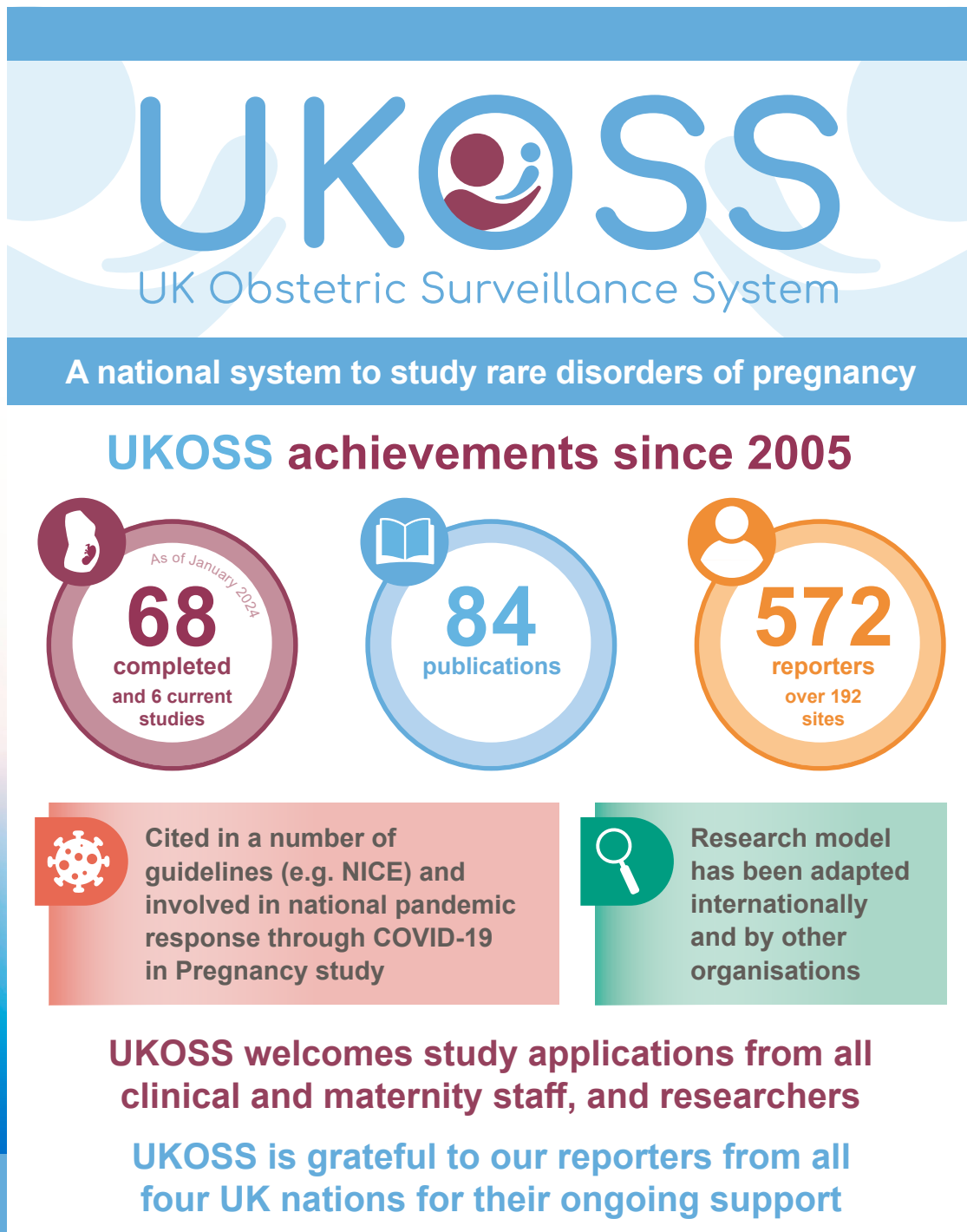
UK Obstetric Surveillance System



NEWSLETTER 70 - April 2024

New UKOSS infographic!

We are pleased to publish the next in our series of UKOSS infographics summarising our main achievements since 2005. You should have received a copy of this via email last month, however if you would like us to resend it to you then please contact us at ukoss@npeu.ox.ac.uk.



UKOSS
UK Obstetric Surveillance System

A national system to study rare disorders of pregnancy

UKOSS achievements since 2005

- 68** completed and 6 current studies (As of January 2024)
- 84** publications
- 572** reporters over 192 sites

Cited in a number of guidelines (e.g. NICE) and involved in national pandemic response through COVID-19 in Pregnancy study

Research model has been adapted internationally and by other organisations

UKOSS welcomes study applications from all clinical and maternity staff, and researchers

UKOSS is grateful to our reporters from all four UK nations for their ongoing support

This infographic is also available on our website at www.npeu.ox.ac.uk/ukoss/publications-ukoss/info. We have a very limited number of printed copies available to post out. If you would like to request one to display in your unit, then please email us and we will send them out on a first come first served basis.



Hospital Monthly Reporting Rates over Six Months (September 2023 – February 2024)

6 months reported, 4 or 5 months reported, 2 or 3 months reported, 1 month reported, 0 months reported

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

EPPROM results now published!

The results of the EPPROM study have now been published in BMJ Medicine – Goodfellow K, Care A, Curran C, et al. Preterm prelabour rupture of membranes before 23 weeks' gestation: prospective observational study. BMJ Medicine 2024;3:e000729. doi: 10.1136/bmjmed-2023-000729.

A link to the paper can be found at: www.npeu.ox.ac.uk/ukoss/publications-ukoss/results.

New study starting - Transabdominal cerclage (TAC)

Background: Preterm birth, defined as birth before 37 weeks of gestation, is arguably the most important challenge facing modern obstetrics, accounting for almost 8% of all live births in England and Wales and contributing to much of neonatal and infant morbidity and mortality. Cervical insufficiency, caused by structural weakness in the cervix making it unable to remain closed during pregnancy, greatly increases the risk of preterm birth. Clinically, once a woman has been identified as being at risk of preterm birth due to short cervical length, a cervical cerclage (a suture placed around the cervix) may be recommended.

The majority of cerclages are undertaken vaginally as this is less invasive; however in women with a previous failed vaginal stitch or insufficient cervical tissue, insertion of a transabdominal cerclage (TAC) may be offered. TACs are more complex to insert (placed higher, closer to the internal os) and require more intervention, but little is known about their safety or effectiveness and they are not always made available to all suitable women. As TAC is becoming a more commonly-practised intervention in the UK, understanding the incidence of insertion, indications for insertion, management of pregnancy complications, maternal and neonatal outcomes and procedure-related complications will facilitate improved knowledge-base and more reliable counselling of women who may be eligible to receive the intervention.

Surveillance period

1st May 2024 – 30th April 2025

Case definition

Any pregnant woman who presents to an obstetric unit with a transabdominal cerclage in situ.

Please note: All reporters will be emailed the short protocol and case definition, however please contact the team at ukoss@npeu.ox.ac.uk if you have any queries. The study details are also available on the website at www.npeu.ox.ac.uk/ukoss/current-surveillance.

Biologics Extension!

Please note that the end date for the Biological Agents in pregnancy study has been extended to

31st October 2024

Star Reporters



This newsletter we would like to thank **Ruvana Tabassum (Leicester General Hospital)** for getting reporting back on track, **Claire Perry (Doncaster Royal Infirmary)** for helping get reporting at Bassetlaw back on track and **Nazia Irshad (Princess Anne Hospital)** for consistent return of monthly reports and data collection forms.

Alternative methods of case identification

We have had an increasing number of queries from reporters who are struggling to identify UKOSS cases using their IT/electronic systems. It has become clear that electronic systems cannot be solely relied upon to detect all cases so we urge all reporters to utilise other methods of case identification (here are some suggestions).

Perinatal risk meetings

Monthly emails to colleagues

Posters

Admission books

Word of mouth

If you have any other suggestions or advice as to how to enhance data capture then please do let us know so that we can share them with reporters who may be finding case identification challenging.

Case Report Summary for Studies up until the end of March 2024

Study	Actual number of reported cases	Data collection forms returned	Number of forms returned that were found to be not cases / reported in error	Data Collection forms returned that are confirmed cases	Expected Number of Confirmed Cases
Amniotic Fluid Embolism	402	375	71	304	230
Biologic Agents in Pregnancy	399	300	129	171	576
Longterm non-invasive ventilation in pregnancy	35	24	2	22	51
Pregnancy in Women with Known Cardiomyopathy	350	298	78	220	564
Severe Pyelonephritis in pregnancy (now ended)	137	121	34	87	600
Severe Respiratory Virus – RECOVERY trial	32	32	31	1	101
Thrombotic Microangiopathy Associated Pregnancy Acute Kidney Injury	36	31	12	19	439

UKOSS interviews Maxine Saunders who reports to UKOSS for North Manchester General Hospital, St Mary's Hospital (Manchester) and Wythenshawe Hospital.



Who is your employer and what is your job title?

I am employed by Manchester Foundation Trust and my job title is UKOSS Officer.

Can you give a brief summary of your career to date?

I am a qualified nurse and midwife and have worked at the Trust for many years. Unfortunately in 2019 I was diagnosed with Rheumatoid arthritis, which meant I was no longer able to work clinically as a midwife. During the Covid pandemic I had been helping the research midwives to collect data and report for the Covid in pregnancy study, which I really enjoyed, and this led me to taking on the role of UKOSS reporter.

Please outline any difficulties that you have experienced in gathering information for UKOSS reports. How did you overcome these difficulties?

It can be challenging to find all possible cases to report when I only work part time. However, I have found that by putting up UKOSS posters in the clinical areas, and reminding colleagues about the current surveillance, I can usually get the information that I need.

How do you manage/co-ordinate the UKOSS reporting across multiple sites?

I have access to the computer system across all three sites that I report on, including specialised maternal medical clinics, which is invaluable in finding women with unusual conditions which are on the current surveillance list. I also email all consultants across the three sites at the beginning of each month, attaching the current surveillance posters to remind them to contact me if they come across any women who fit the criteria for the studies.

Have you found that there are additional benefits to reporting for UKOSS?

I really enjoy my job as a UKOSS reporter. I find it interesting and rewarding. I would definitely recommend it to others.

What are your interests outside of your working life?

Outside of work I enjoy reading and swimming. I also enjoy spending time with my four grandchildren.

