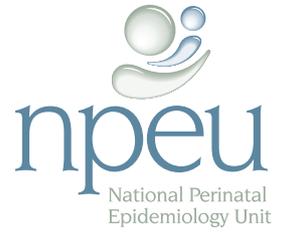




Royal College of
Obstetricians
and Gynaecologists



UK Obstetric Surveillance System



36

NEWSLETTER 36 - January 2014

36

UKOSS Update

UKOSS has now been running for nine years - here is a summary of work and achievements to date.

Hospitals participating

Over the years there has been up to 234 obstetric-led units participating. However, due to hospital mergers and restructuring, there are currently a total of 206 consultant-led units reporting to UKOSS.

UKOSS reporters

There are currently 552 nominated reporters across the 206 units who notify UKOSS of cases on a monthly basis. These reporters range from obstetricians, midwives and obstetric anaesthetists to risk managers and data analysts.

Conditions studied
UKOSS has studied 38 conditions to date.

Annual Reports
UKOSS has published seven Annual Reports to date with the next one due in July 2014.

Future studies
Epidural Haematoma is starting this month and there are a number of new study applications in progress.

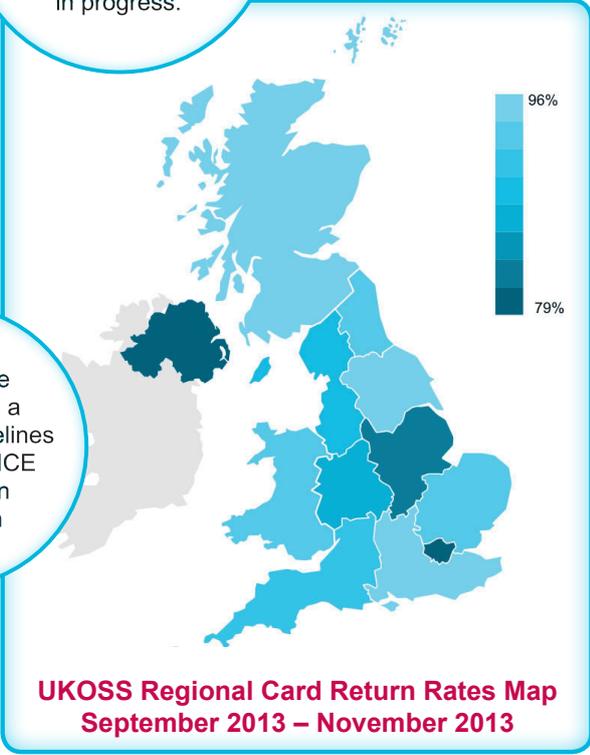
Studies completed
The following studies have been completed between 2005 and 2013.

Acute Fatty Liver of Pregnancy	Myocardial Infarction
Antenatal Pulmonary Embolism	Non-renal Solid Organ Transplant
Aortic Dissection	Obesity
Congenital Diaphragmatic Hernia	Peripartum Hysterectomy
Eclampsia	Pituitary Tumours
Failed Intubation	Placenta Accreta
Fetomaternal Alloimmune Thrombocytopenia	Pulmonary Vascular Disease
Gastric Banding	Renal Transplant
Gastroschisis	Severe Obstetric Cholestasis
HELLP Syndrome	Severe Sepsis
Influenza	Sickle Cell Disease
Malaria in Pregnancy	Stroke in Pregnancy
Massive Transfusion	Therapies for Peripartum Haemorrhage
Multiple Repeat Caesarean Section	Tuberculosis in Pregnancy
Myeloproliferative Disorders	Uterine Rupture

Current studies
The following conditions are currently being reported to UKOSS:

- Adrenal Tumours
- Advanced Maternal Age
- Amniotic Fluid Embolism
- Anaphylaxis in Pregnancy
- Artificial Heart Valves
- Aspiration in Pregnancy
- Cardiac Arrest in Pregnancy
- Primary ITP
- Stage 5 Chronic Kidney Disease

Abstracts and Publications
UKOSS has presented 18 abstracts and published 32 papers. A full list of publications can be found on the UKOSS website at <https://www.npeu.ox.ac.uk/ukoss/completed-surveillance>.



THIS MONTH

- New study – Epidural Haematoma
- Interview with the UKOSS Steering Committee Chair



Thanks to the following hospitals who have returned cards for the last three months (August, September and October 2013):

Airedale General Hospital, Keighley
Altnagelvin Area Hospital, Londonderry
Antrim Hospital, Antrim
Arowe Park Hospital, Wirral
Ayrshire Maternity Unit, Kilmarnock
Barnet and Chase Farm Hospitals NHS Trust, Enfield
Barnsley Hospital NHS Foundation Trust, Barnsley
Basildon Hospital, Canvey Island
Bassetlaw District General Hospital, Worksop
Bedford Hospital, Bedford
Birmingham City Hospital, Birmingham
Birmingham Women's Hospital, Birmingham
Borders General Hospital, Borders
Bronglais Hospital, Aberystwyth
Caithness General Hospital, Wick
Calderdale Royal Hospital, Halifax
Causeway Hospital, Coleraine
Chelsea & Westminster Hospital, London
Chesterfield & North Derbyshire Royal Hospital, Chesterfield
City Hospitals Sunderland NHS Trust, Sunderland
Conquest Hospital, St Leonards-on-Sea
Countess of Chester Hospital, Chester
Croydon University Hospital, Thornton Heath
Darlington Memorial Hospital, Darlington
Derby Hospitals NHS Foundation Trust, Derby
Derriford Hospital, Plymouth
Dewsbury and District Hospital, Dewsbury
Diana Princess of Wales Hospital, Grimsby
Doncaster Royal Infirmary, Doncaster
Dorset County Hospital, Dorchester
Dr Gray's Hospital, Elgin
Dumfries & Galloway Royal Infirmary, Dumfries
Ealing Hospital NHS Trust, London
Forth Valley Royal Hospital, Larbert
Friarage Hospital, Northallerton
Frimley Park Hospital, Camberley
George Eliot Hospital, Nuneaton
Glan Clwyd District General Hospital, Bodelwyddan
Gloucestershire Royal Hospital, Gloucester
Good Hope Hospital, Sutton Coldfield
Guy's and St Thomas' Hospital, London
Harrigate District Hospital, Harrigate
Hinchingsbrooke Hospital NHS Trust, Huntingdon
Homerton University Hospital, London
Hull Royal Infirmary, Hull
Ipswich Hospital, Ipswich
James Cook University Hospital, Middlesbrough
James Paget University Hospitals Trust, Great Yarmouth
Jersey General Hospital, St Helier
John Radcliffe Hospital, Oxford
King's Mill Hospital, Sutton in Ashfield
Leeds General Infirmary, Leeds
Leicester General Hospital, Leicester
Leighton Hospital, Crewe
Lincoln County Hospital, Lincoln
Lister Hospital, Stevenage
Liverpool Women's Hospital, Liverpool
Milton Keynes Hospital NHS Foundation Trust, Milton Keynes
Nevill Hall Hospital, Abergavenny
Ninewells Hospital & Medical School, Dundee
Nobles Hospital, Douglas
North Devon District Hospital, Barnstaple
North Hampshire Hospital, Basingstoke
North Manchester General Hospital, Manchester
Northwick Park Hospital, Harrow
Nottingham City Hospital, Nottingham
Peterborough City Hospital, Peterborough
Pilgrim Hospital, Boston
Prince Charles Hospital, Methyr Tydfil
Princess Alexandra Hospital, Harlow
Princess Anne Hospital, Southampton
Princess Elizabeth Hospital, St Martins
Princess of Wales Hospital, Bridgend
Princess Royal Hospital, Haywards Heath
Princess Royal Maternity Hospital, Glasgow
Princess Royal University Hospital, Orpington
Queen Charlotte's and Chelsea Hospital, London
Queen Elizabeth Hospital, Gateshead
Queen Elizabeth Hospital, Kings Lynn
Queen Elizabeth Hospital, London
Queen Elizabeth the Queen Mother Hospital, Margate
Queen's Hospital, Burton upon Trent
Queen's Hospital, Romford
Raigmore Hospital, Inverness
Rosie Maternity Hospital, Cambridge
Rotherham District General Hospital, Rotherham
Royal Albert Edward Infirmary, Wigan
Royal Alexandra Hospital, Paisley
Royal Cornwall Hospital, Truro
Royal Devon & Exeter Hospital, Exeter
Royal Gwent Hospital, Newport
Royal Hampshire County Hospital, Winchester
Royal Oldham Hospital, Oldham
Royal Preston Hospital, Preston
Royal Surrey County Hospital, Guildford
Royal Sussex County Hospital, Brighton
Royal United Hospital, Bath
Royal Victoria Infirmary, Newcastle-upon-Tyne
Russells Hall Hospital, Dudley
Scarborough Hospital, Scarborough
Scunthorpe General Hospital, Scunthorpe
Singleton Hospital, Swansea
South Tyneside NHS Foundation Trust, South Shields
Southend University Hospital NHS FT, Westcliff-on-Sea
Southmead Hospital, Bristol
Southport & Ormskirk Hospital NHS Trust, Ormskirk
St George's Hospital, London
St Helier Hospital, Carshalton
St James's University Hospital, Leeds
St John's Hospital, Livingston
St Mary's Hospital, London
St Mary's Hospital, Manchester
St Mary's Hospital, Newport
St Michael's Hospital, Bristol
St Peter's Hospital, Chertsey
St Richard's Hospital, Chichester
Staffordshire General Hospital, Stafford
Stoke Mandeville Hospital, Aylesbury
Tameside General Hospital, Ashton-under-Lyne
Taunton and Somerset Hospital, Taunton
The Great Western Hospitals NHS Foundation Trust, Swindon
The Jessop Wing, Sheffield
The Tunbridge Wells Hospital, Tunbridge Wells
Torbay Hospital, Torquay
Ulster Hospital, Belfast
University College Hospital, London
University Hospital Lewisham, London
University Hospital of Coventry & Warwickshire, Coventry
University Hospital of North Staffordshire, Stoke on Trent
University Hospital of North Tees, Stockton-on Tees
University Hospital of Wales, Cardiff
Victoria Hospital, Blackpool
Victoria Hospital, Kirkcaldy
Warrington and Malton Hospitals NHS FT, Warrington
Warwick Hospital, Warwick
Watford General Hospital, Watford
West Cumberland Hospital, Whitehaven
West Suffolk Hospital, Bury St Edmunds
West Wales General Hospital, Carmarthen
Western Isles Hospital, Stornoway
Whiston Hospital, Prescot
William Harvey Hospital, Ashford
Wishaw General Hospital, Wishaw
Withybush Hospital, Haverfordwest
Worthing Hospital, Worthing
Wrexham Maelor Hospital, Wrexham
York Hospital, York
Ysbyty Gwynedd District General Hospital, Bangor
Aberdeen Maternity Hospital, Aberdeen
Alexandra Hospital, Redditch
Birmingham Heartlands Hospital, Birmingham
Bradford Royal Infirmary, Bradford
Broomfield Hospital, Chelmsford
Cumberland Infirmary, Carlisle
Daisy Hill Hospital, Newry
Darent Valley Hospital, Dartford
East Surrey Hospital, Redhill
Epsom General Hospital, Epsom
Furness General Hospital, Barrow-in-Furness
Horton Maternity Hospital, Banbury
Kingston Hospital, Kingston upon Thames
Luton & Dunstable Hospital, Luton
Macclesfield District General Hospital, Macclesfield
Manor Hospital, Walsall
Medway Maritime Hospital, Gillingham
New Cross Hospital, Wolverhampton
Norfolk & Norwich University Hospital, Norwich
North Middlesex University Hospital, London
Northampton General Hospital, Northampton
Poole Hospital, Poole
Royal Berkshire Hospital, Reading
Royal Free Hospital, London
Royal Jubilee Maternity Service, Belfast
Royal Shrewsbury Hospital, Shrewsbury
Salisbury District Hospital, Salisbury
Simpson Centre for Reproductive Health, Edinburgh
South West Acute Hospital, Enniskillen
Southern General Hospital, Glasgow
Stepping Hill Hospital, Stockport
The Hillingdon Hospitals NHS Foundation Trust, Uxbridge
The Portland Hospital, London
University Hospital of North Durham, Durham
Wansbeck General Hospital, Ashington
West Middlesex University Hospital, Isleworth
Whipps Cross University Trust Hospital, London
Whittington Hospital, London
Worcestershire Royal Hospital, Worcester
Wythenshawe Hospital, Manchester
Barnet General Hospital, Barnet
Colchester General Hospital, Colchester
Craigavon Area Hospital, Portadown
Hereford County Hospital, Hereford
Kettering General Hospital, Kettering
Lancashire Women and Newborn Centre, Burnley
Leicester Royal Infirmary, Leicester
Newham General Hospital, London
Pinderfields General Hospital, Wakefield
Queen Alexandra Hospital, Portsmouth
Royal Bolton Hospital, Bolton
Royal Lancaster Infirmary, Lancaster
Royal London Hospital, London
Wexham Park Hospital, Slough
Yeovil Women's Hospital, Yeovil
King's College Hospital, London
Nottingham University Hospitals NHS Trust, Nottingham
Royal Glamorgan Hospital, Llantrisant

Returned all three cards. Returned two cards. Returned one card. No Cards Returned.



Follow us

@NPEU_UKOSS

New UKOSS study Epidural Haematoma or Abscess

Background: Approximately 140,000 epidurals are placed annually for labour analgesia in the UK.

Epidural haematoma is a very rare but potentially devastating complication occurring either during placement or more typically after removal of an epidural catheter. Epidural abscess formation tends to follow a slower course, with symptoms developing over several days. Diagnosis in both cases can be difficult but delay in recognition and treatment leads rapidly to permanent neurological deficit.

This study aims to describe the incidence, management and outcomes of women with an epidural haematoma or abscess in the UK and examine potential risk factors.

Surveillance Period: 1st January 2014 – 31st December 2017.

Case definition: All pregnant women identified as having an epidural haematoma or abscess after a regional anaesthetic technique or attempt at technique.

Lead Investigator: Felicity Plaat, Imperial College Healthcare

References:

1. Moen V., Irestedt L., Neurological complications following central neuraxial blockades in obstetrics. *Current Opinion in Anesthesiology*, 2008 Jun;21(3):275-80.
2. Ruppen W., Derry S., McQuay H., Moore R., Incidence of epidural hematoma, infection, and neurological injury in obstetric patients with epidural analgesia/anaesthesia. *Anesthesiology*, 2006 Aug;105(2):394-9.

GMC Revalidation and NMC Continual Professional Development

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 and we will get one posted out to you.



Case report summary for current studies up until the end of November 2013

Disorder	Actual number of reported cases	Data collection forms returned (%)	Number of confirmed cases (%)	Expected number of confirmed cases
Adrenal Tumours	26	25 (96)	9 (36)	55
Advanced Maternal Age*	87	43 (49)	36 (84)	134
Amniotic Fluid Embolism*	184	175 (95)	123 (70)	106
Anaphylaxis*	25	19 (76)	11 (58)	35
Artificial Heart Valves	27	24 (89)	18 (75)	54
Aspiration in Pregnancy*	2	1 (50)	1 (100)	4
Cardiac Arrest in Pregnancy (CAPS)	138	104 (75)	48 (46)	65
Primary ITP	52	28 (54)	18 (64)	46
Stage 5 Chronic Kidney Disease	36	29 (81)	17 (59)	75

Funding: * This study represents independent research funded by the National Institute for Health Research (NIHR) under its Programme Grants for Applied Research Programme (Programme Grant RP-PG-0608-10038)

Read more online

To read this on your phone or to access our complete archive:
Open the BARCODE READER APP* on your phone and scan the code here

*Search your app store for 'qrcode'



Meet the UKOSS Steering Committee Chair

Melanie Workman, the UKOSS/UKNeS Programme Manager, interviews Derek Tuffnell who is Chair of the UKOSS Steering Committee.

MW: What is your current role in the UKOSS Steering Committee and how long have you held that position?

DT: I am the Chair and have been for 3 years – I was a member of the Steering Committee for 6 years before becoming chair and have been involved with UKOSS since it started.

MW: Where do you currently work and what is your job title?

DT: I am a Consultant Obstetrician and Gynaecologist at Bradford Teaching Hospitals. We have about 6,000 births per annum. I have an interest in High Risk pregnancy and Labour Ward Care. I do a joint clinic each week for women with diabetes and other endocrine problems. We screen all women for Gestational diabetes as we have a very high risk population so we have over 400 women a year with gestational diabetes. I also do a fortnightly joint clinic for women with haematological problems. I am currently involved with NICE reviewing the Intrapartum Care guideline. I also co-organise the RCOG labour ward Management course.

MW: How did you become involved with UKOSS?

DT: I had developed a national register of Amniotic Fluid embolism following a case at my own hospital. When UKOSS was being developed I was asked to incorporate the register into UKOSS and join the Steering Committee.

MW: What does being a member of the UKOSS Steering Committee entail?

DT: We meet three times year and consider existing projects and whether there are any problems obtaining cases or the details of the cases. We consider any new projects in two phases. The first is an outline application to decide whether the UKOSS methodology would be appropriate and then whether to see a more detailed application. Often this is about the rarity of the condition and whether the UKOSS methodology could collect information given we get information from hospitals up to the time of discharge after birth. The detailed application considers the Case Record form to ensure the right (and not too many) questions are asked. We are always very conscious that our reporters cannot be burdened by too many cases or an expectation of too much detail on cases reported.

MW: What do you enjoy most about being a member of the UKOSS Steering Committee?

DT: It is academically really interesting to consider these rare disorders and to discuss how we can improve information and outcomes of these conditions. Also the meeting is very sociable and it is a good chance to catch up with colleagues from different disciplines around the country

MW: How do you become a member of the UKOSS Steering Committee?

DT: Members are elected for 3 years with the option to be reappointed for a further 6 years. We have representatives of all disciplines related to maternity care. When someone steps down a request for applications is made and then the committee elects the new member.

MW: Lastly, what are your hobbies/what are your interests away from UKOSS?

DT: I love travel and good food and wine. I have just come back from Myanmar (Burma) which was fascinating because much of it has not changed in over 50 years. The wine was rubbish though! I watch too much sport (according to my wife) and have a season ticket at Manchester United.



Derek Tuffnell -
Bradford Teaching Hospitals

Chocolate Box



Chocolates this month go to Alison Newby from Conquest Hospital for prompt response to data queries and Elaine Peachey from Poole Hospital for efficient return of data collection forms.

Many thanks to you both!

Thank you for everyone's support and contribution, the UKOSS team would like to wish you all a Happy New Year!



UNIVERSITY OF
OXFORD

Admin team: 01865 289714

Email: UKOSS@npeu.ox.ac.uk Web: www.npeu.ox.ac.uk/UKOSS

Studies are additionally funded by Wellbeing of Women, NHS Blood and Transplant, Lauren Page Charity and SPARKS.

