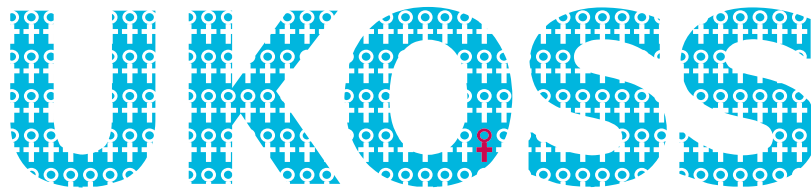
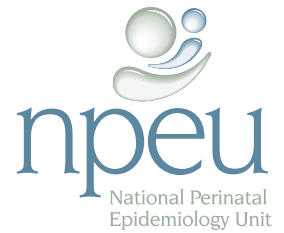




Royal College of
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UK Obstetric Surveillance System



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NEWSLETTER 30 - July 2012

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MBRRACE-UK – Mothers and Babies: Reducing Risk through Audit and Confidential Enquiries

It has recently been announced that the **MBRRACE-UK** collaboration, led by the NPEU, will continue the work investigating maternal deaths, stillbirths and neonatal deaths carried out in the past by CMACE, including the Confidential Enquiry into Maternal Deaths.

Future plans include extending investigations to include near-miss events and other serious morbidities, and this will link directly with the work of UKOSS.

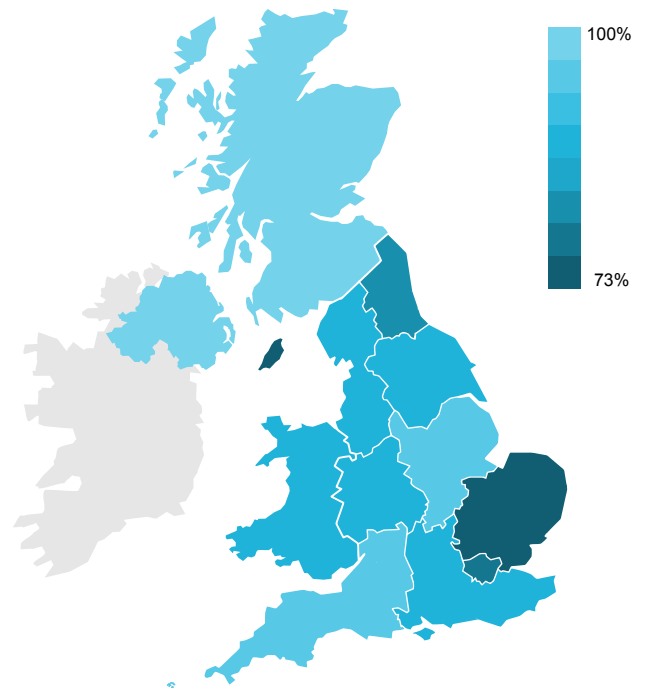
The MBRRACE-UK team has begun evaluating the data relating to maternal and perinatal deaths which occurred during 2011 and early 2012 and which were notified by Units via the MPMN web-based portal system. During the remainder of 2012 the team will be working to improve data collection and will work closely with Units to ensure that all maternal deaths, stillbirths and neonatal deaths continue to be notified to ensure Confidential Enquiries can proceed.

During 2012 Units should continue to upload notifications of maternal and perinatal deaths to the MPMN Portal. Any units which have not yet registered to use the portal should do so immediately by emailing: enquiries@mpmn.nhs.uk

More information coming soon and on the website www.npeu.ox.ac.uk/mbrrace-uk



UKOSS Regional Card Return Rates Feb 2012 - May 2012



Mothers and Babies: Reducing Risk through
Audits and Confidential Enquiries across the UK

- New study – Massive Transfusion in Major Obstetric Haemorrhage
- Severe Maternal Sepsis & HELLP update



THIS MONTH

Thanks to the following hospitals who have returned cards for the last three months:

Aberdeen Maternity Hospital
Airedale General Hospital
Altnagalvin Area Hospital
Antrim Hospital
Arrowe Park Hospital
Ayrshire Maternity Unit
Barnet and Chase Farm Hospitals NHS Trust
Basildon Hospital
Bassetlaw District General Hospital
Birmingham City Hospital
Birmingham Heartlands Hospital
Birmingham Women's Hospital
Borders General Hospital
Bradford Royal Infirmary
Bronglais Hospital
Caithness General Hospital
Causeway Hospital
Chesterfield & North Derbyshire Royal Hospital
City Hospitals Sunderland NHS Trust
Countess of Chester Hospital
Craigavon Area Hospital
Croydon University Hospital
Cumberland Infirmary
Daisy Hill Hospital
Darent Valley Hospital
Derriford Hospital
Dewsbury and District Hospital
Diana Princess of Wales Hospital
Doncaster Royal Infirmary
Dorset County Hospital
Dr Gray's Hospital
Dumfries & Galloway Royal Infirmary
Ealing Hospital
Eastbourne District General Hospital
Epsom General Hospital
Erne Hospital
Forth Valley Royal Hospital
Friarage Hospital
Frimley Park Hospital
Furness General Hospital
George Eliot Hospital
Glan Clwyd District General Hospital
Good Hope Hospital
Harrogate District Hospital
Hereford County Hospital
Hillingdon Hospital
Hinchingbrooke Hospital
Homerton University Hospital
Hull Royal Infirmary
Ipswich Hospital
James Cook University Hospital
James Paget Hospital
Jersey General Hospital
John Radcliffe Hospital
Kettering General Hospital
King's College Hospital
King's Mill Hospital
Lancashire Women and Newborn Centre
Leeds General Infirmary
Leicester Royal Infirmary
Leighton Hospital
Lincoln County Hospital
Lister Hospital
Macclesfield District General Hospital
Mater Infirmorum Hospital
Medway Maritime Hospital
Milton Keynes General Hospital
Nevill Hall Hospital
Newham General Hospital
Ninewells Hospital & Medical School
Nobles Hospital
Norfolk & Norwich University Hospital
North Devon District Hospital
North Hampshire Hospital
Northampton General Hospital
Northwick Park Hospital
Nottingham City Hospital
Pilgrim Hospital
Prince Charles Hospital
Princess Elizabeth Hospital
Princess of Wales Hospital
Princess Royal Hospital
Princess Royal Maternity Hospital
Queen Elizabeth Hospital
Queen Elizabeth Hospital
Queen Elizabeth Hospital
Queen Elizabeth II Hospital
Queen Elizabeth the Queen Mother Hospital
Raigmore Hospital
Rotherham District General Hospital
Royal Albert Edward Infirmary
Royal Alexandra Hospital
Royal Bolton Hospital
Royal Cornwall Hospital
Royal Devon & Exeter Hospital
Royal Oldham Hospital
Royal Preston Hospital
Royal Shrewsbury Hospital
Royal Surrey County Hospital
Royal Sussex County Hospital
Royal United Hospital
Russells Hall Hospital
Salisbury District Hospital
Scarborough Hospital
Scunthorpe General Hospital
Simpson Centre for Reproductive Health
Singleton Hospital
South Tyneside District Hospital
Southend Hospital
Southmead Hospital
St George's Hospital
St James's University Hospital
St John's Unit at Howden
St Mary's Hospital
St Mary's Hospital
St Michael's Hospital
St Peter's Hospital
St Richard's Hospital
Stepping Hill Hospital
Stoke Mandeville Hospital
Taunton and Somerset Hospital
The Jessop Wing
The Portland Hospital
Torbay Hospital
Ulster Hospital
University Hospital Lewisham
University Hospital of Coventry & Warwickshire
University Hospital of North Staffordshire
University Hospital of North Tees
University Hospital of Wales
Victoria Hospital
Victoria Hospital
Wansbeck General Hospital
Warrington Hospital
Warwick Hospital
West Cumberland Hospital
West Suffolk Hospital
West Wales General Hospital
Western Isles Hospital
Whipps Cross University Trust Hospital
Whiston Hospital
Whittington Hospital
William Harvey Hospital
Wishaw General Hospital
Withybush Hospital
Worcestershire Royal Hospital
Worthing Hospital
Wrexham Maelor Hospital
Wythenshawe Hospital
Yeovil Women's Hospital
York Hospital
Ysbyty Gwynedd District General Hospital
Alexandra Hospital
Barnet General Hospital
Bedford Hospital
Chelsea & Westminster Hospital
Conquest Hospital
Darlington Memorial Hospital
Derby Hospitals NHS Foundation Trust
East Surrey Hospital
Fairfield General Hospital
Gloucestershire Royal Hospital
Guy's and St Thomas' Hospital
Horton Hospital
Kingston Hospital
Leicester General Hospital
Liverpool Women's Hospital
New Cross Hospital
North Manchester General Hospital
North Middlesex Hospital
Pinderfields General Hospital
Poole Hospital
Princess Alexandra Hospital
Princess Royal University Hospital
Queen Alexandra Hospital
Queen's Hospital
Rosie Maternity Hospital
Royal Berkshire Hospital
Royal Glamorgan Hospital
Royal Gwent Hospital
Royal Hampshire County Hospital
Royal Jubilee Maternity Service
Royal Lancaster Infirmary
Royal London Hospital
Southern General Hospital
St Helier Hospital
St Mary's Hospital
Staffordshire General Hospital
The Great Western Hospital
University College Hospital
University Hospital of North Durham
Watford General Hospital
West Middlesex University Hospital
Wexham Park Hospital
Barnsley District General Hospital
Calderdale Royal Hospital
Colchester General Hospital
Luton & Dunstable Hospital
Manor Hospital
Nottingham University Hospitals NHS Trust
Princess Anne Hospital
Queen Charlotte's and Chelsea Hospital
Royal Free Hospital
Tameside General Hospital
The Tunbridge Wells Hospital

Returned all three cards. Returned two cards. Returned one card.



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New Study – Massive Transfusion in Major Obstetric Haemorrhage

Major obstetric haemorrhage (MOH), resulting in massive transfusion (MT), accounts for 80% of all maternal morbidity¹. As there is no universally accepted definition for MOH, its incidence varies depending on how it is defined. The most critical feature of MOH is the development of disseminated intravascular coagulopathy (DIC) which, unlike DIC that follows major haemorrhage in trauma or surgery, occurs quite early on in the course of the haemorrhage. The situation is further complicated by the fact that during massive haemorrhage volume resuscitation with fluid and blood can lead to dilutional coagulopathy².

In recent years, availability of rapid new diagnostic testing and the introduction of new haemostatic resuscitation strategies have challenged our thinking on optimal transfusion support for patients with massive haemorrhage. Much of the drive for new approaches to management of bleeding has come from studies of patients with trauma. Although studies from bleeding trauma patients have some limitations, they have raised some important questions on the optimum management of patients with massive bleeding. Further investigation is required to enable the generation of evidence-based clinical guidance, as well as the identification of new avenues for research including, among others, interventional clinical trials. The aim of this study is to investigate what proportion of women who receive MT receive plasma transfusions and whether there is any correlation between the use of additional blood components and clinical outcomes.

Surveillance Period: July 2012 – June 2013

Case definition: All pregnant women of 20 weeks gestation or more identified as having ≥ 8 units of RBC transfusion (excluding cell salvage) within a 24hr period

Funding: National Health Service Blood and Transplant

Investigators: Laura Green, NHS Blood and Transplant & Barts and the London Hospital, Simon Stanworth, NHS Blood and Transplant, Oxford, Peter Collins, Cardiff University, Marian Knight, NPEU.

References:

1. SCASMM (2011) Scottish Confidential Audit of Severe Maternal Morbidity, 7th Annual Report www.healthcareimprovementscotland.org.
2. Leslie, S.D. & Toy, P.T. (1991) Laboratory hemostatic abnormalities in massively transfused patients given red blood cells and crystalloid. *Am.J.Clin.Pathol.*, 96, 770-773.

Case report summary for current studies up until 11 June 2012

Disorder	Actual number of reported cases	Data collection forms returned (%)	Number of confirmed cases (%)	Expected number of confirmed cases
Adrenal Tumours	16	12 (75)	5 (42)	23
Amniotic Fluid Embolism*	159	153 (96)	108 (71)	88
Cardiac Arrest in Pregnancy (CAPS)	49	31 (63)	17 (55)	28
Gastric Banding in Pregnancy	102	61 (60)	37 (61)	77
HELLP Syndrome*	229	166 (72)	122 (73)	380
Myeloproliferative Disorders	68	50 (74)	32 (64)	121
Pituitary Tumours	85	68 (80)	40 (59)	112
Severe Maternal Sepsis*	443	308 (70)	245 (80)	316
Stage 5 Chronic Kidney Disease	6	2 (33)	1 (50)	9

Funding: *These studies represent independent research commissioned by the National Institute for Health Research (NIHR) under its Programme Grants for Applied Research Programme (Grant Reference Number RP-PG-0608-10038).

The views expressed are those of the author(s) and not necessarily those of the NHS, the NIHR or the Department of Health.

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HELLP Syndrome & Severe Maternal Sepsis studies

The HELLP syndrome and Severe Maternal Sepsis studies have both ended and we have had a good response to both studies. Please could we now ask all UKOSS reporters to check that they have reported all eligible cases for their maternity units that occurred **between the 01st of June 2011 and the 31st May 2012.**

Thank you

Meet a UKOSS Reporter

Charlotte McClymont, the UKOSS/UKNeS Programme Manager interviews Helen Whapshott.

Helen trained to be a midwife at the University of Hertfordshire, being based at Watford General, and has been the labour ward manager at Frimley Park Hospital in Surrey for two years.

CM: *What are the main duties / responsibilities of your job?*

HW: *The general day to day management of a labour ward delivering about 5300 babies a year, which is increasing year on year.*

Provide clinical support to all staff.

Involvement in risk management and review and development of evidence based guidelines.

CM: *What other jobs / occupations have you had in the past?*

HW: *I spent 10 years as a nurse, working mainly in A & E and trauma before training to be a midwife and wondered why I had never done it before. I also spent two years as a police officer but we don't like to mention that.*

CM: *Do you have any hobbies?*

HW: *As a family we have a 38 ft yacht which is really my husband's hobby but of necessity I have to go along too. He needs a cook and bottlewasher! It is also a good opportunity to do nothing but enjoy a glass of wine on a quiet evening at anchor especially on a summer evening. I enjoy embroidery and reading when I have time and am chair person of the local scout group. I quite enjoy spending time with my children too.*

CM: *What do you like best about your job?*

HW: *Providing a good standard of care to women and their families, working with a brilliant team of midwives and medics and still being able to do what I trained for.*

Chocolate Box



Chocolates this month go to **Sandra Newbold** from St Peter's Hospital, Chertsey and **Rowan Wilson** from St James' University Hospital for efficient return of cards and forms.

Many thanks to you both!

CM: *What do you think is particularly good about your maternity unit?*

HW: *Team work and a supportive environment for all.*

CM: *What aspects of being a UKOSS reporter do you most enjoy?*

HW: *It enables me to identify higher risk cases and look at whether we are providing care, screening and management in an appropriate way.*

CM: *How does being a UKOSS reporter add to your role at work?*

HW: *It increases my awareness of current issues and enables sharing of information through teaching and other learning opportunities such as audit.*

CM: *Would you recommend becoming a UKOSS reporter to other clinicians and why?*

HW: *Yes, it enables you to share cases and contribute to findings on specific problems which are unusual. By doing this and with the analysis by UKOSS we are contributing to the knowledge around these subjects and improving the care we give to women.*

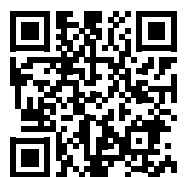


Helen Whapshott

Admin team: 01865 289714 / 01865 617764

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

Studies are additionally funded by Wellbeing of Women, the Obstetric Anaesthetists Association (OAA), Guy's and St Thomas' Charity and SPARKS.



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