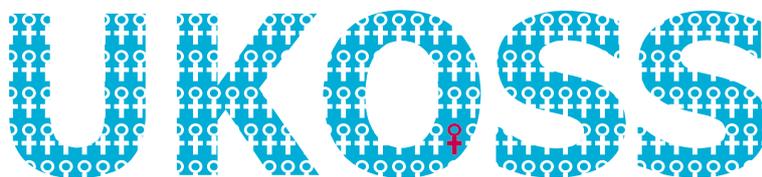




Royal College of
Obstetricians and
Gynaecologists



UK Obstetric Surveillance System



Newsletter 15: October 08

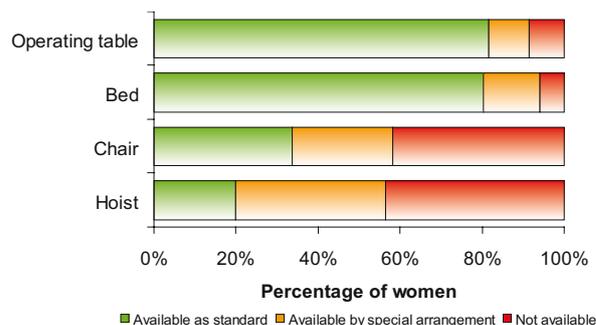
UKOSS Extreme Obesity study

Case reporting ended 31st August 2008

As you are all aware, the UKOSS Obesity study has been a much larger study than we anticipated, in more ways than one! Our special thanks to all of you for the extra efforts required in identifying these women and completing data collection. Preliminary analysis of the data suggests that the prevalence of extreme obesity (BMI ≥ 50) is approaching **one in every thousand women giving birth**, clearly indicating the importance of services for these women. We expect to complete the final data analysis early next year, but already the information you have provided has highlighted a number of issues. In particular, the data suggests that provision of high weight capacity equipment may be a problem in a number of

hospitals (figure), with only 20% reporting that hoists of sufficient weight capacity are available as standard.

High weight capacity equipment available for labour and delivery of extremely obese women



Please remember

Although case reporting is completed for the Extreme Obesity study, we have not yet completed data collection. Please return any forms you have as soon as possible, and for women who have not yet delivered, please return the delivery outcome information when prompted.

Case report summary for current studies to 04/09/08

Disorder	Actual number of reported cases	Data collection forms returned (%)	Number of confirmed cases	Expected number of confirmed cases
Amniotic fluid embolism	78	72 (92)	47	42
Antenatal stroke	24	17 (71)	10	58
Extreme obesity (BMI 50 or over)	1498	1241(83)	969	800
Failed Intubation	18	7 (39)	6	23
FMAIT (NAIT)	51	44 (86)	32	100
Myocardial infarction	42	35 (83)	16	60
Non-renal solid organ transplant recipients	24	20 (83)	19	32
Pulmonary vascular disease	48	42 (88)	25	19
Renal transplant recipients	83	67 (81)	58	111
Therapies for peripartum haemorrhage	248	174 (70)	124	449

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

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

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

New Study – Malaria in pregnancy

Data collection for the new malaria study will start on 1st November, and the condition will be listed for the first time on the December blue card. Folder documentation is enclosed with this newsletter.

Background

Worldwide, malaria is the cause of severe maternal and perinatal morbidity and mortality. Research in African and Asian populations shows that pregnant women are at higher risk both of acquiring disease and of suffering from more severe disease than non-pregnant women¹. Malaria can cause severe anaemia, and in semi-immune populations may be associated with few other symptoms prior to the onset of severe complications such as adult respiratory distress syndrome or death, due to the sequestration of malarial parasites within the placenta². In non-immune pregnant women, infection with falciparum malaria is more likely to lead to severe complications such as cerebral malaria than in the non-pregnant population. Infants are similarly severely affected; maternal malaria may lead to stillbirth and also preterm birth or intrauterine growth retardation, with a consequent increase in neonatal mortality.

The majority of information about malaria in pregnancy comes from populations in which malaria is endemic or epidemic. 1500-2000 travel-associated cases of malaria are reported in the UK annually, with the peak occurring in the population aged 15-44. However, no information exists about the number of women with malaria in the UK who are pregnant, the populations in the UK in which malaria in pregnancy occurs, how these pregnant women with malaria are treated or the consequences of the disease in these women and their infants. This information is important to develop and implement guidelines for both prevention and management.

Study Objectives

- To use the UK Obstetric Surveillance System to describe the epidemiology of malaria in pregnancy in the UK.
- To assess the outcomes for mother and infant following confirmed malaria infection.
- To use this information to inform the development and implementation of guidelines for the prevention and management of malaria in pregnant women in the UK.



Case definition

Any women with a positive blood film for malaria parasites (or confirmed placental malaria) at any time during pregnancy or immediately postpartum (before discharge from hospital after delivery).

Investigators

Marian Knight, Jennifer Kurinczuk, Peter Brocklehurst, NPEU
Richard Pebody, Jane Jones, Health Protection Agency
Christopher Whitty, London School of Hygiene and Tropical Medicine
Peter Chiodini, Hospital for Tropical Diseases

References

1. Desai M, ter Kuile FO, Nosten F et al. Epidemiology and burden of malaria in pregnancy. *Lancet Infect Dis* 2007; 7(2):93-104.
2. Whitty CJ, Edmonds S, Mutabingwa TK. Malaria in pregnancy. *BJOG* 2005; 112(9):1189-95.

Don't know the answer to a question?

If you don't know the answer to a question on one of the data collection forms, please write 'don't know' on the form rather than leaving the question blank. This will stop us annoying you by asking the question again!

Approved studies

The UKOSS has approved studies on the following conditions to commence in 2009, pending funding and ethics committee approval:

Pregnancy in women with pituitary tumours. Lead investigators: Kimberley Lambert, Catherine Williamson, Imperial College, Mandish Dhanjal, Queen Charlotte's and Chelsea Hospital, London and David McCance, Royal Victoria Hospital, Belfast.

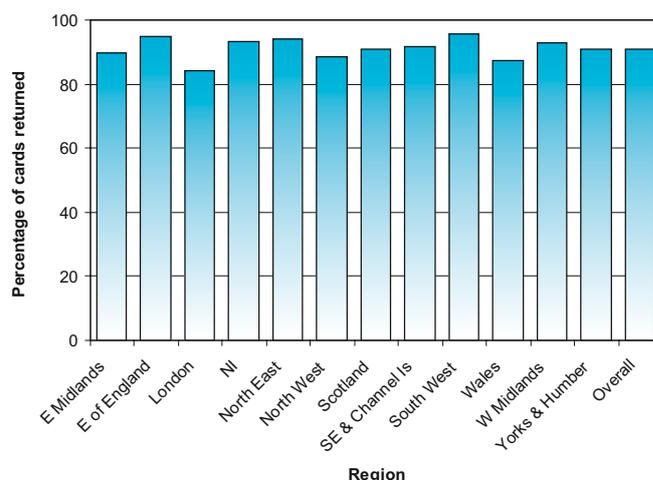
Severe Acute Pancreatitis. Lead investigators: Julie Bowring, Jo Girling and Tina Cotzias from West Middlesex University Hospital NHS Trust, London.

Data collection period extended

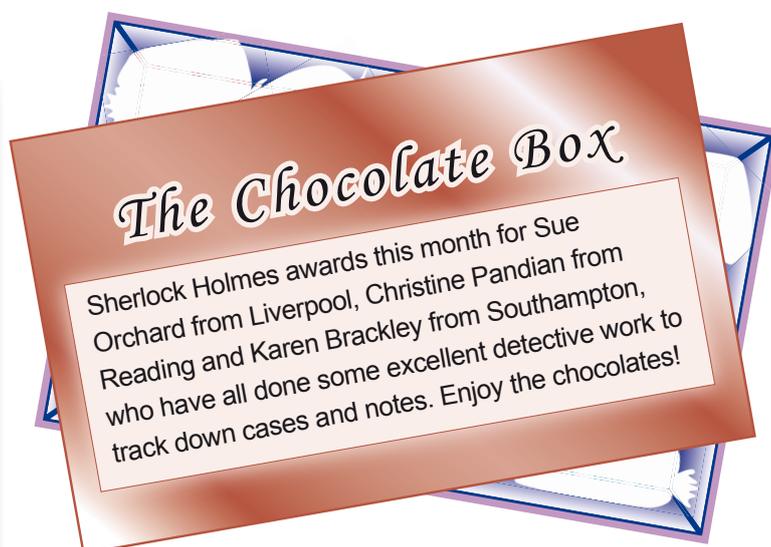
for the therapies for peripartum haemorrhage study, as we have identified fewer cases than anticipated. Data collection will now run until 31st March 2009. The uterine rupture study will now commence in April following completion of this study.

UKOSS Regional Card Return Rates

Card return rates July to September 2008



The South West takes the lead spot this quarter, with 96% of cards returned. Clearly no-one there needs to go on holiday! Ten of the twelve regions/countries have returned more than 90% of cards which is once again a tremendous effort. If any of you have any cards or forms lying around in the post summer in-tray, please dig them out and sent them back to us.



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