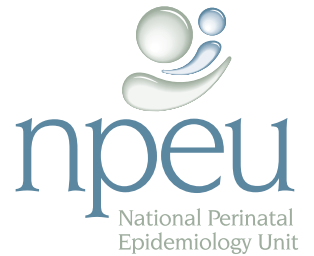




UK Obstetric Surveillance System



Royal College of Obstetricians and Gynaecologists

Newsletter 11: October 07

First UKOSS papers published!

Two papers detailing UKOSS results have now been published in BJOG. The first "Eclampsia in the United Kingdom 2005" was published in the September edition, and the second "Peripartum hysterectomy in the UK: management and outcomes of the associated haemorrhage" together with a commentary by Mayer and Thorp will be published in November. (See URLs below) A further paper with results from the peripartum hysterectomy study is in press with 'Obstetrics and Gynecology'. We will let you know when it is available.

Additionally, the UKOSS study "Antenatal pulmonary embolism in the UK: A national case-control study to investigate risk factors, management and outcomes" was awarded the best overall poster prize at the recent British International Congress of Obstetrics and Gynaecology. The abstract is available on the website together with abstracts about the TB and acute fatty liver studies. Many thanks to all of you for your contributions which made these studies possible.

<http://www.blackwell-synergy.com/doi/pdf/10.1111/j.1471-0528.2007.01507.x>

<http://www.blackwell-synergy.com/doi/pdf/10.1111/j.1471-0528.2007.01423.x>

Case report summary for current studies to 01/10/07

Disorder	Number of cases reported	Data collection forms returned (%)	Number of confirmed cases	Expected number of confirmed cases
Amniotic fluid embolism	57	50 (88)	32	31
FMAIT (NAIT)	37	31 (84)	23	54
Gastroschisis	271	211 (78)	181	230
Extreme Obesity	583	411 (70)	313	175
Myocardial infarction	23	20 (87)	11	42
Non-renal solid organ transplant recipients	15	11 (73)	10	13
Pulmonary vascular disease	29	19 (66)	11	12
Renal transplant recipients	22	21 (62)	21	29

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
 Atnagalvin Area Hospital, Londonderry
 Antrim Hospital, Antrim
 Arrowe Park Hospital, Wirral
 Ayrshire Maternity Unit, Kilmarnock
 Barnet and Chase Farm Hospitals NHS Trust, Enfield
 Bamsley District General Hospital, Bamsley
 Basildon Hospital, Basildon
 Bedford Hospital, Bedford
 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
 Conquest Hospital, St Leonards-on-Sea
 Countess of Chester Hospital, Chester
 Craigavon Area Hospital, Portadown
 Cumberland Infirmary, Carlisle
 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
 Ealing Hospital, London
 East Surrey Hospital, Redhill
 Eastbourne District General Hospital, Eastbourne
 Epsom General Hospital, Epsom
 Erne Hospital, Enniskillen
 Fairfield General Hospital, Bury
 Forth Park Hospital, Kirkcaldy
 Furness General Hospital, Barrow-in-Furness
 George Eliot Hospital, Nuneaton
 Glan Clwyd District General Hospital, Rhyl
 Gloucestershire Royal Hospital, Gloucester
 Good Hope Hospital, Sutton Coldfield
 Guy's and St Thomas' Hospital, London
 Hereford County Hospital, Hereford
 Hexham General Hospital, Hexham
 Hillingdon Hospital, Uxbridge
 Hinchingbrooke Hospital, Huntingdon
 Homerton Hospital, London
 Horton Hospital, Banbury
 Hospital of St John and St Elizabeth, London
 Huddersfield Royal Infirmary, Huddersfield
 Hull Royal Infirmary, Hull
 Ipswich Hospital, Ipswich
 James Cook University Hospital, Middlesbrough
 James Paget Hospital, Great Yarmouth
 Jersey General Hospital, St Helier
 John Radcliffe Hospital, Oxford
 King George Hospital, Ilford
 King's College Hospital, London
 King's Mill Hospital, Sutton in Ashfield
 Kingston Hospital, Kingston upon Thames
 Lagan Valley Hospital, Lisburn
 Leeds General Infirmary, Leeds
 Leicester General Hospital, Leicester
 Leicester Royal Infirmary, Leicester
 Leighton Hospital, Crewe
 Lincoln County Hospital, Lincoln
 Macclesfield District General Hospital, Macclesfield
 Manor Hospital, Walsall
 Mater Infirmorum Hospital, Belfast
 Mayday University Hospital, Thornton Heath
 Medway Maritime Hospital, Gillingham
 Milton Keynes General Hospital, Milton Keynes
 Nevill Hall Hospital, Abergavenny
 New Cross Hospital, Wolverhampton
 Norfolk & Norwich University Hospital, Norwich
 North Devon District Hospital, Barnstaple
 North Manchester General Hospital, Manchester
 North Middlesex Hospital, London
 North Tyneside General Hospital, North Shields
 Northwick Park Hospital, Harrow
 Nottingham City Hospital, Nottingham
 Pembury Hospital, Tunbridge Wells
 Peterborough Maternity Unit, Peterborough
 Pilgrim Hospital, Boston
 Pontefract General Infirmary, Pontefract
 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
 Princess Royal Hospital, Haywards Heath
 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 II Hospital, Welwyn Garden City
 Queen Elizabeth the Queen Mother Hospital, Margate
 Queen Mother's Hospital, Glasgow
 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 Blackburn Hospital, Blackburn
 Royal Bolton Hospital, Bolton
 Royal Cornwall Hospital, Truro
 Royal Gwent Hospital, Newport
 Royal Hampshire County Hospital, Winchester
 Royal Lancaster Infirmary, Lancaster
 Royal Surrey County Hospital, Guildford
 Royal United Hospital, Bath
 Royal Victoria Infirmary, Newcastle-upon-Tyne
 Russells Hall Hospital, Dudley
 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
 Southern General Hospital, Glasgow
 Southmead Hospital, Bristol
 Southport & Ormskirk Hospital NHS Trust, Ormskirk
 St George's Hospital, London
 St James's University Hospital, Leeds
 St John's Hospital, Chelmsford
 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
 Stepping Hill Hospital, Stockport
 Stirling Royal Infirmary, Stirling
 Stoke Mandeville Hospital, Aylesbury
 Tameside General Hospital, Ashton-under-Lyne
 Taunton and Somerset Hospital, Taunton
 The Great Western Hospital, Swindon
 The Jessop Wing, Sheffield
 The Portland Hospital, London
 Torbay Hospital, Torquay
 Trafford General Hospital, Manchester
 Ulster Hospital, Belfast
 University Hospital Lewisham, London
 University Hospital of Coventry & Warwickshire, Coventry
 University Hospital of Hartlepool, Hartlepool
 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
 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, Stornaway
 Wexham Park Hospital, Slough
 Whiston Hospital, Prescot
 Whittington Hospital, London
 William Harvey Hospital, Ashford
 Wishaw General Hospital, Wishaw
 Withybush Hospital, Haverfordwest
 Worcestershire Royal Hospital, Worcester
 Wrexham Maelor Hospital, Wrexham
 Wycombe General Hospital, High Wycombe
 Yeovil Women's Hospital, Yeovil
 Ysbyty Gwynedd District General Hospital, Bangor
 Bassetlaw District General Hospital, Worksop
 Colchester General Hospital, Colchester
 Daisy Hill Hospital, Newry
 Darent Valley Hospital, Dartford
 Frimley Park Hospital, Camberley
 Harrogate District Hospital, Harrogate
 Hope Hospital, Manchester
 Kettering General Hospital, Kettering
 Lister Hospital, Stevenage
 Liverpool Women's Hospital, Liverpool
 Ninewells Hospital & Medical School, Dundee
 Nobles Hospital, Douglas
 North Hampshire Hospital, Basingstoke
 Northampton General Hospital, Northampton
 Nottingham University Hospitals NHS Trust, Nottingham
 Rochdale Infirmary, Rochdale
 Royal Devon & Exeter Hospital, Exeter
 Royal Glamorgan Hospital, Llantrisant
 Royal Jubilee Maternity Service, Belfast
 Royal Oldham Hospital, Oldham
 Royal Shrewsbury Hospital, Shrewsbury
 Royal Sussex County Hospital, Brighton
 Sharoe Green Unit, Preston
 University College Hospital, London
 Wansbeck General Hospital, Ashington
 Warrington Hospital, Warrington
 Whipps Cross University Trust Hospital, London
 Worthing Hospital, Worthing
 Wythenshawe Hospital, Manchester
 Dumfries & Galloway Royal Infirmary, Dumfries
 Friarage Hospital, Northallerton
 Luton & Dunstable Hospital, Luton
 Princess Royal Maternity Hospital, Glasgow
 Royal London Hospital, London
 Staffordshire General Hospital, Stafford
 York Hospital, York

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

Obesity study enters second phase

For the first six months of this study, we only collected information to confirm the number of severely obese women delivering in the UK. We commenced more detailed data collection in September 2007, and those of you who have reported cases since this date will have received a data collection form requesting additional information concerning the woman's management, any complications and pregnancy outcomes. We are also requesting information about one comparison (control) woman for each case, who should be the woman delivering immediately before the obese woman in the same hospital.

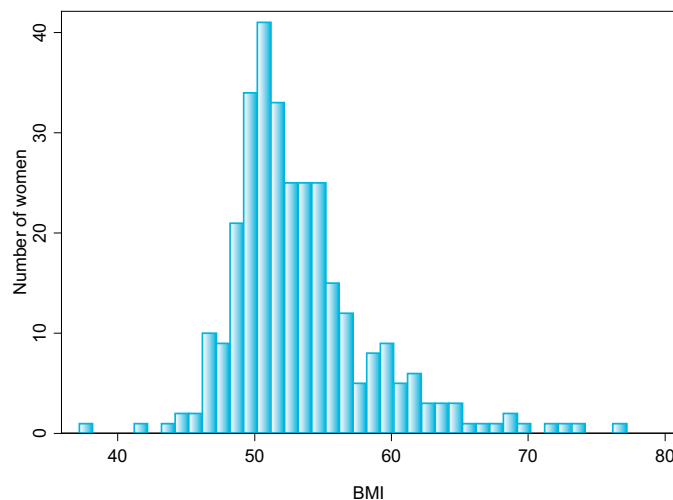
Some of you reported women in the first phase of the study who were expected to deliver on or after 1st September 2007. We will also be sending you detailed data collection forms for these women, even though you completed the short data collection form. This is so that we have complete information about the whole group of extremely obese women delivered from September onwards.

Preliminary Results

182 women who met the case definition had an estimated date of delivery between March and June 2007. From this we can estimate that 550 cases throughout the UK would be notified in one year, a rate of 1 per 1300 maternities (95% CI 1/1100-1/1500). Because this is a higher number of women than we expected, we will only be collecting information about one control woman for each case in order that you are not overwhelmed with data collection forms. The feedback we have received from you is that this is widely perceived as an important study due to the increasing magnitude of obesity as a public health issue. The Steering Committee therefore took the decision to continue the study despite the larger case numbers than expected. The study progress will be reviewed again in January.

The Body Mass Index (BMI) was available for 309 (82%) of the 377 women who met the case definition. The median BMI for these women was 52, ranging from 37 to 77. This is illustrated in the graph below.

Body Mass Index in pregnant women in the UKOSS extreme obesity study



Reminder – Case Definition

- EITHER** any woman with a Body Mass Index (BMI) greater than 50 at booking or at any subsequent point during pregnancy
- OR** any woman weighing over 140Kg at any point during pregnancy
- OR** any woman estimated to be in either of the previous categories but whose weight exceeds the capacity of hospital scales.

New studies approved by UKOSS Steering Committee

Two new studies have been approved to commence in 2008:

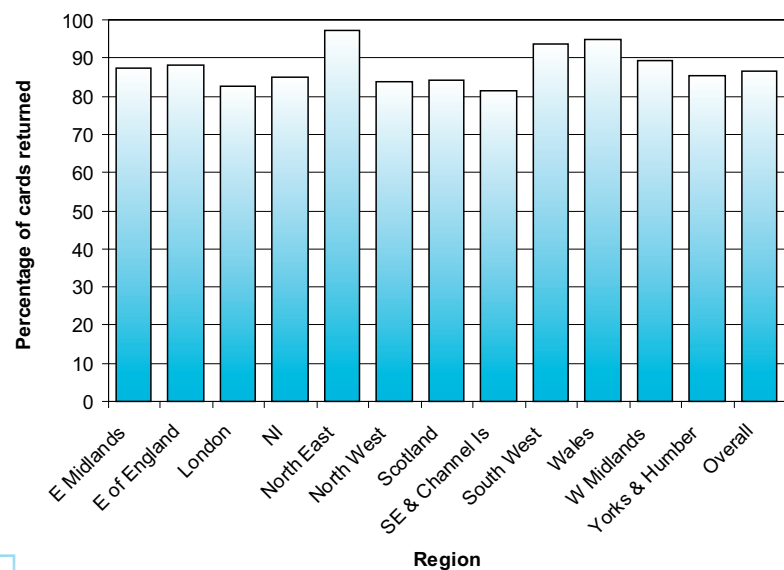
A study of **Zavanelli manoeuvre or symphysiotomy** as rescue techniques for severe shoulder dystocia. The investigators for this study are Christina Cotzias, Shelley Haynes and Michelle Wu from West Middlesex University NHS Trust in London.

An investigation of **failed intubation** for obstetric general anaesthesia. The investigators are David Milne, Audrey Quinn, Amanda Pinder and Heather Gorton from Leeds General Infirmary.

More details next year!

UKOSS Regional Card Return Rates - July to September 2007

We think a few of you may have been on holiday recently as return rates are slightly lower than usual! Please could you hunt through your inboxes to track down any missing cards sent to you in July, August or September. Well done to those of you in Wales, the North East and South West who clearly aren't allowed any time off!

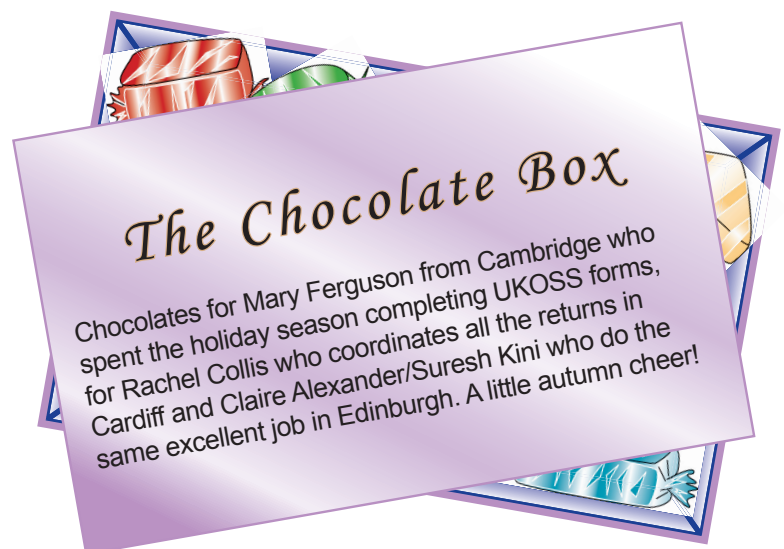


FMAIT study extended

Due to lower case numbers than expected, we have extended data collection for the FMAIT study. The condition will remain on the card until October 2008.

Remember

Therapies for peripartum haemorrhage and antenatal stroke studies have started. Case definitions for your folder have been enclosed with this and the previous newsletter.



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