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.


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

<table>
<thead>
<tr>
<th>Disorder</th>
<th>Number of cases reported</th>
<th>Data collection forms returned (%)</th>
<th>Number of confirmed cases</th>
<th>Expected number of confirmed cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amniotic fluid embolism</td>
<td>57</td>
<td>50 (88)</td>
<td>32</td>
<td>31</td>
</tr>
<tr>
<td>FMAIT (NAIT)</td>
<td>37</td>
<td>31 (84)</td>
<td>23</td>
<td>54</td>
</tr>
<tr>
<td>Gastroschisis</td>
<td>271</td>
<td>211 (78)</td>
<td>181</td>
<td>230</td>
</tr>
<tr>
<td>Extreme Obesity</td>
<td>583</td>
<td>411 (70)</td>
<td>313</td>
<td>175</td>
</tr>
<tr>
<td>Myocardial infarction</td>
<td>23</td>
<td>20 (87)</td>
<td>11</td>
<td>42</td>
</tr>
<tr>
<td>Non-renal solid organ transplant recipients</td>
<td>15</td>
<td>11 (73)</td>
<td>10</td>
<td>13</td>
</tr>
<tr>
<td>Pulmonary vascular disease</td>
<td>29</td>
<td>19 (66)</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>Renal transplant recipients</td>
<td>22</td>
<td>21 (62)</td>
<td>21</td>
<td>29</td>
</tr>
</tbody>
</table>
Thanks to the following hospitals who have returned cards for the last three months:

Returned all three cards.

- St Richard's Hospital, Chichester
- St Peter's Hospital, Chertsey
- St Michael's Hospital, Bristol
- St Mary's Hospital, Portsmouth
- St Mary's Hospital, Newport
- St Mary's Hospital, Manchester
- St Mary's Hospital, London
- St James's University Hospital, Leeds
- Southend Hospital, Westcliff-on-Sea
- Royal United Hospital, Bath
- Royal Gwent Hospital, Newport
- Royal Cornwall Hospital, Truro
- Royal Bolton Hospital, Bolton
- Royal Albert Edward Infirmary, Wigan
- Raigmore Hospital, Inverness
- Queen's Hospital, Romford
- Queen's Hospital, Burton upon Trent
- Queen Mother's Hospital, Glasgow
- Queen Elizabeth Hospital, Gateshead
- Queen Elizabeth Hospital, Kings Lynn
- Queen Elizabeth Hospital, London
- Queen Elizabeth Il 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, Kingston upon Thames
- Raimore 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 Shrewsbury Hospital, Shrewsbury
- Royal Sussex County Hospital, Brighton
- Southend United Hospital, Southend
- 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
- Warwich 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
- Westminster Hospital, London
- 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
- Bassellaw 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
- Noble's 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, Llantrissant
- Royal Jubilee Maternity Service, Belfast
- Royal Oldham Hospital, Oldham
- Royal Shrewsbury Hospital, Shrewsbury
- Royal Sussex County Hospital, Brighton
- Shoreham Green Unit, Preston
- University College Hospital, London
- Wansbeck General Hospital, Ashington
- Warrington Hospital, Warrington
- Whips Cross University Hospital, London
- Worthing Hospital, Worthing
- Wythenshawe Hospital, Manchester
- Dumfries and Galloway RoyalInfirmary, Dumfries
- Friariage Hospital, Northallerton
- Luton & Dunstable Hospital, Luton
- Princess Royal Maternity Hospital, Glasgow
- Royal London Hospital, London
- Staffordshire General Hospital, Stafford
- York Hospital, York
- Returned two cards.
- Returned one card.
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.