First UKOSS Annual report released!

Enclosed with this newsletter you should find a copy of the first UKOSS Annual Report, containing a summary of the results of completed and current studies. Some of you may also have been circulated with an electronic copy. Please feel free to cascade the report to any colleagues who may be interested. The report is also available on our website www.npeu.ox.ac.uk/ukoss. If you have any questions about the results, please contact Marian Knight. We would also be very grateful for any feedback on the content or format of the report so that we can incorporate any changes for future years.

Cases reported for current studies

<table>
<thead>
<tr>
<th>Disorder</th>
<th>Actual Number of cases</th>
<th>Expected number of cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amniotic fluid embolism</td>
<td>52</td>
<td>28</td>
</tr>
<tr>
<td>FMAIT (NAIT)</td>
<td>32</td>
<td>41</td>
</tr>
<tr>
<td>Gastrochisis</td>
<td>202</td>
<td>173</td>
</tr>
<tr>
<td>Extreme Obesity</td>
<td>279</td>
<td>75</td>
</tr>
<tr>
<td>Myocardial infarction</td>
<td>19</td>
<td>37</td>
</tr>
<tr>
<td>Non-renal solid organ transplant recipients</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Pulmonary vascular disease</td>
<td>22</td>
<td>10</td>
</tr>
<tr>
<td>Renal transplant recipients</td>
<td>22</td>
<td>29</td>
</tr>
</tbody>
</table>
Thanks to the following hospitals who have returned cards for the last three months:

- Aberdeen Maternity Hospital, Aberdeen
- Airedale General Hospital, Keighley
- Antrim Hospital, Antrim
- Arrowe Park Hospital, Wirral
- Ayrshire Maternity Unit, Kilmarnock
- Barnet and Chase Farm Hospitals NHS Trust, Enfield
- Barnsley District General Hospital, Barnsley
- Basildon Hospital, Basildon
- Bassetlaw District General Hospital, Worksop
- Bedford Hospital, Bedford
- Birmingham City Hospital, Birmingham
- Birmingham Heartlands Hospital, Birmingham
- Borders General Hospital, Melrose
- Bradford Royal Infirmary, Bradford
- Bronglais Hospital, Aberystwyth
- Burnley General Hospital, Burnley
- Caithness General Hospital, Wick
- Chelsea & Westminster Hospital, London
- Cheltenham General Hospital, Cheltenham
- Chesterfield & North Derbyshire Royal Hospital, Chesterfield
- Colchester General Hospital, Colchester
- Countess of Chester Hospital, Chester
- Craigavon Area Hospital, Portadown
- Cumberland Infirmary, Carlisle
- Darlington Memorial Hospital, Darlington
- Derby Hospitals NHS Foundation Trust, Derby
- Demdof, 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 and Galloway Royal Infirmary, Dumfries
- Ealing Hospital, London
- East Surrey Hospital, Redhill
- Eastbourne District General Hospital, Eastbourne
- Epsom General Hospital, Epsom
- Ernie Hospital, Enniskeen
- Fairfield General Hospital, Bury
- Forth Park Hospital, Kirkcaldy
- Friargate Hospital, Northallerton
- Frimley Park Hospital, Camberley
- Furness General Hospital, Barrow-in-Furness
- Gloucestershire Royal Hospital, Gloucester
- Good Hope Hospital, Sutton Coldfield
- Guy’s and St Thomas’ Hospital, London
- Harrogate District Hospital, Harrogate
- Hereford County Hospital, Hereford
- Hesham General Hospital, Hesham
- Hillington Hospital, Uxbridge
- Hinchingbrooke Hospital, Huntingdon
- Homerton Hospital, London
- 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
- Kettering General Hospital, Kettering
- King’s College Hospital, London
- King’s Mill Hospital, Sutton in Ashfield
- Kingston General Hospital, Kingston upon Thames
- Lagan Valley Hospital, Lisburn
- Leeds General Infirmary, Leeds
- Leicester General Hospital, Leicester
- Leicester Royal Infirmary, Leicester
- Lister Hospital, Stevenage
- Liverpool Women’s Hospital, Liverpool
- Macclesfield District General Hospital, Macclesfield
- Manor Hospital, Walsall
- Mater Infirmum Hospital, Belfast
- Mayday University Hospital, Thornton Heath
- Medway Maritime Hospital, Gillingham
- Milton Keynes General Hospital, Milton Keynes
- New Cross Hospital, Wolverhampton
- Newham General Hospital, London
- Nobles Hospital, Douglas
- Norfolk & Norwich University Hospital, Norwich
- North Devon District Hospital, Barnstaple
- North Manchester General Hospital, Manchester
- North Staffordshire Royal Infirmary, Stoke on Trent
- North Tyneside General Hospital, North Shields
- Nottingham City Hospital, Nottingham
- Pembury Hospital, Tunbridge Wells
- Peterborough Maternity Unit, Peterborough
- Pilgrim Hospital, Boston
- Poole Hospital, Poole
- Princess Alexandra Hospital, Harlow
- Princess Anne Hospital, Southampton
- Princess Elizabeth Hospital, St Martins
- 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, Wrexham Garden City
- Queen Elizabeth the Queen Mother Hospital, Perth
- Queen Mary’s Hospital, Sidcup
- Queen Mother’s Hospital, Glasgow
- Queen’s Hospital, Burton upon Trent
- Ragnmore Hospital, Inverness
- Rochdale Infirmary, Rochdale
- Rosie Maternity Hospital, Cambridge
- Rotherham District General Hospital, Rotherham
- Royal Albert Edward Infirmary, Wigan
- Royal Alexandra Hospital, Paisley
- Royal Blackburn Hospital, Blackburn
- Royal Cornwall Hospital, Truro
- Royal Devon & Exeter Hospital, Exeter
- Royal Free Hospital, London
- Royal Gwent Hospital, Newport
- Royal Hampshire County Hospital, Winchester
- Royal Jubilee Maternity Service, Belfast
- Royal Lancaster Infirmary, Lancaster
- Royal London Hospital, London
- Royal Oldham Hospital, Oldham
- Royal Shrewsbury Hospital, Shrewsbury
- Royal Sussex County Hospital, Brighton
- Royal United Hospital, Bath
- Royal Victoria Infirmary, Newcastle-upon-Tyne
- Russells Hall Hospital, Dudley
- Salisbury District General Hospital, Salisbury
- Sandwell District General Hospital, West Bromwich
- Scarborough Hospital, Scarborough
- Scunthorpe General Hospital, Scunthorpe
- Shoreham Green Lane, Preston
- Simpson Centre for Reproductive Health, Edinburgh
- 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 Helier Hospital, Carshalton
- 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, Newport
- St Mary’s Hospital, Portsmouth
- St Michael’s Hospital, Bristol
- St Peter’s Hospital, Chertsey
- St Richard’s Hospital, Chichester
- Staffordshire General Hospital, Stafford
- Stepping Hill Hospital, Stockport
- Stoke Mandeville Hospital, Aylesbury
- Tameside General Hospital, Ashton-under-Lyne
- Taunton and Somerset Hospital, Taunton
- The Jessop Wing, Sheffield
- Torbay Hospital, Torquay
- Trafford General Hospital, Manchester
- University Hospital London, London
- University Hospital of Hartlepool, Hartlepool
- University Hospital of North Tees, Stockton-on-Tees
- University Hospital of Wales, Cardiff
- Victoria Hospital, Blackpool
- Wansbeck General Hospital, Ashington
- Warington Hospital, Warrington
- Watford General Hospital, Watford
- West Cumberland Hospital, Whitehaven
- West Midlands University Hospital, Isleworth
- West Suffolk Hospital, Bury St Edmunds
- West Wales General Hospital, Carmarthen
- Western Isles Hospital, Stornaway
- Wexham Park Hospital, Slough
- Whips Cross University Trust Hospital, London
- Whiston Hospital, Prescot
- Wiltshire Hospital, London
- William Harvey Hospital, Ashford
- Witham General Hospital, Wickford
- Worcestershire Royal Hospital, Worcester
- Worthing Hospital, Worthing
- Wrexham Maelor Hospital, Wrexham
- Wycombe General Hospital, High Wycombe
- Yeovil Women’s Hospital, Yeovil
- York Hospital, York
- Ysbty Gwynedd District General Hospital, Bangor
- Atmigavil Area Hospital, Londenorry
- Calderdale Royal Hospital, Halifax
- Causeway Hospital, Coleraine
- City Hospitals Sunderland NHS Trust, Sunderland
- Conquest Hospital, St Leonards-on-Sea
- Daisy Hill Hospital, Newry
- Darenth Valley Hospital, Dartford
- George Eliot Hospital, Nuneaton
- Horton Hospital, Banbury
- Leighton Hospital, Crewe
- Lincoln County Hospital, Lincoln
- Luton & Dunstable Hospital, Luton
- Newhall Hospital, Abergavenny
- Ninehills Hospital & Medical School, Dundee
- North Hampshire Hospital, Basingstoke
- North Tyneside General Hospital, North Shields
- Nottingham University Hospitals NiHS Trust, Nottingham
- Pontefract General Infirmary, Pontefract
- Prince Charles Hospital, Methyr Tydfil
- Princess of Wales Hospital, Bridgend
- Queen’s Hospital, Romford
- Royal Bolton Hospital, Bolton
- Singleton Hospital, Swansea
- St Mary’s Hospital, Manchester
- Stirling Royal Infirmary, Stirling
- The Great Western Hospital, Swindon
- The Portland Hospital, London
- Ulster Hospital, Belfast
- University College Hospital, London
- University Hospital of Coventry & Warwickshire, Coventry
- University Hospital of North Durham, Durham
- University Hospital of North Staffordshire, Stoke on Trent
- Warwick Hospital, Warwick
- Wythenshawe Hospital, Manchester
- Hope Hospital, Manchester
- King George Hospital, Ilford
- Maidstone General Hospital, Maidstone
- Wiltshire Hospital, Haverfordwest

Returned all three cards. Returned two cards. Returned one card.
New Study – Pregnancy-associated Stroke

The charity Wellbeing of Women has funded another new UKOSS study to investigate pregnancy-associated stroke, due to commence in October 2007. Dr Cathy Scott, an academic foundation stage trainee based in Oxford has been awarded an Entry Level Research Scholarship to carry out the project over the next two years. The lead investigator is Dr Susan Bewley from Guy’s and St Thomas’ NHS Foundation Trust. This is the first study run by external investigators to be approved by the UKOSS Steering Committee and receive funding.

10% of maternal deaths in the UK are associated with or caused by stroke, and in addition to premature death, stroke associated with pregnancy causes ongoing disability in many survivors, which has a serious impact for mother and infant, and for families, caregivers, and health services. As the age of women at childbearing increases, alongside an increase in other vascular risk factors, the incidence of stroke in pregnancy may be increasing. However, there is little information available on the incidence, risk factors or outcomes of non fatal stroke associated with pregnancy.

Study Objectives

To use UKOSS to describe the epidemiology of pregnancy related stroke in the UK and answer the following research questions:

- What is the current incidence of pregnancy related stroke in the UK?
- Which types of stroke affect women in pregnancy?
- What are the risk factors for stroke in pregnancy?
- How is stroke in pregnancy managed?
- What is the prognosis of stroke in pregnancy for the mother and infant?

The results of this study will be used to make practical improvements in prevention, treatment and service planning for stroke associated with pregnancy.

Surveillance Period

October 2007 - October 2008

Collaborating Investigators

Susan Bewley, Anthony Rudd, Beverley Hunt, Charles Wolfe, Guys and St Thomas’ NHS Foundation Trust
Cathy Scott, NHS Oxford Deanery
Marian Knight, NPEU
UKOSS reporters list

We received no objections to our suggestion that we post a list of UKOSS reporters on our website. However, we are concerned that such a list may potentially be used for unsolicited mailings and have therefore decided not to add it to the website. We can’t therefore thank you all by name in any UKOSS publications, but please accept our thanks once again for all your help. The work of UKOSS would not be possible without you.

UKOSS Regional Card Return Rates - April - June 2007

Over 90% card returns from East Midlands, the North East, the North West, South West and Yorkshire and Humber. Well done everyone!

![Bar chart showing card return rates for various regions.]

Publications

Papers detailing results from the eclampsia and peripartum hysterectomy studies have been accepted for publication by the BJOG. The eclampsia paper is already available in OnlineEarly and should be in print shortly.

The Chocolate Box

Chocolates for Karen Brackley from Southampton who is doing an admirable job keeping track of Mums and babies from all around the south of England, and to Jonathan Coghill from Plymouth for consistent and timely reporting. At least the weather this year means we don’t have to worry about the chocolates melting in the post!