H1N1 “Swine flu” in pregnancy study

Reporting for the H1N1 “swine flu” study began in September. At the time of going to press, reports were still low, but we are aware that the situation may change rapidly. Please note that you should only report pregnant women admitted to hospital with suspected or confirmed H1N1 through UKOSS; we are NOT expecting cases occurring among women in the community to be reported through us. All reporting should be done via the online system to allow us to analyse and report back the information quickly. The instructions for reporting are:

- To report a case, click the link “Report a case of H1N1 influenza” on the UKOSS website (www.npeu.ox.ac.uk/ukoss) or go directly to www.npeu.ox.ac.uk/ukoss/report-flu. (This can be done by any doctor or midwife in the hospital.)

- When you click on the link, you will be asked to provide identifying criteria and contact information, including your email address (\(\text{e.g.}\)).

- The subsequent email you receive will give you a link to the case reporting page (\(\text{e.g.}\)).

- It is important that you do not delete this email because it should be reused to report future cases. The unique code in the link will allow us to identify you, saving you from having to re-enter your information.

- Click on this link in your email to open the page where you will be asked to re-enter your email and click the button “Generate PDF” (\(\text{e.g.}\)).

- The PDF of the Influenza form with a unique identification number will be shown in your browser window (\(\text{e.g.}\)).

- Please print and complete the form and post back to the usual address.

- If you have any problems, please let us know!

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**UK Obstetric Surveillance System**

**UKOSS**

**UK Obstetric Surveillance System**

**npeu**

**National Perinatal Epidemiology Unit**

**Royal College of Obstetricians and Gynaecologists**

**Newsletter 19: October 09**
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
- Altnagelvin Area Hospital, Londonderry
- Antrim Hospital, Antrim
- Ayrshire Maternity Unit, Kilmarnock
- Basildon Hospital, Basildon
- Bassetlaw District General Hospital, Worksop
- 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
- Cheltenham General Hospital, Cheltenham
- Chesterfield & North Derbyshire Royal Hospital, Chesterfield
- Colchester General Hospital, Colchester
- Conquest Hospital, St Leonard’s-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
- Derby Hospitals NHS Foundation Trust, Derby
- Derriford Hospital, Plymouth
- Dewsbury and District Hospital, Dewsbury
- Diana Princess of Wales Hospital, Grimsby
- Dorset County Hospital, Dorchester
- Dunnfries & Galloway Royal Infirmary, Dumfries
- Ealing Hospital, London
- Epsom General Hospital, Epsom
- Eme Hospital, Enniskillen
- Fairfield General Hospital, Bury
- Forth Park Hospital, Kirkcaldy
- Friarage Hospital, Northallerton
- Furness General Hospital, Barrow-in-Furness
- George Elliot Hospital, Nuneaton
- Glenfield Hospital, Nuneaton
- Gloucestershire Royal Hospital, Gloucester
- Good Hope Hospital, Sutton Coldfield
- Harrogate District Hospital, Harrogate
- Hereford Royal Hospital, Hereford
- Hillingdon Hospital, Uxbridge
- Hinchingbrooke Hospital, Huntingdon
- Homerton Hospital, London
- Hope Hospital, Manchester
- Horton Hospital, Banbury
- Hospital of St John and St Elizabeth, London
- 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 George Hospital, Ilford
- King’s College Hospital, London
- King’s Mill Hospital, Sutton in Ashfield
- Kingston Hospital, Kingston upon Thames
- Lagen Valley Hospital, Lisburn
- Leeds General Infirmary, Leeds
- Leicester General Hospital, Leicester
- Leicester Royal Infirmary, Leicester
- Leighton Hospital, Crewe
- Lincoln County Hospital, Lincoln
- Liverpool Women’s Hospital, Liverpool
- Macclesfield District General Hospital, Macclesfield
- Maidstone General Hospital, Maidstone
- Manor Hospital, Walsall
- Mater Infirmum Hospital, Belfast
- Medway Maritime Hospital, Gillingham
- Milton Keynes General Hospital, Milton Keynes
- Nevill Hall Hospital, Abergavenny
- New Cross Hospital, Wolverhampton
- Ninewells Hospital & Medical School, Dundee
- Nobles Hospital, Douglas
- North Devon Hospital, Barnstaple
- North Hampshire Hospital, Basingstoke
- North Manchester General Hospital, Manchester
- North Middlesex Hospital, London
- Northampton General Hospital, Northampton
- Nottingham University Hospitals NHS Trust, Nottingham
- Pembury Hospital, Tunbridge Wells
- Pilgrim Hospital, Boston
- Pontefract General Infirmary, Pontefract
- Prince Charles Hospital, Methil
- Princess Anne Hospital, Chichester
- Princess Anne Hospital, Southampton
- Princess Elizabeth Hospital, St Martins
- Princess Royal University Hospital, Orpington
- Queen Alexandra Hospital, Portsmouth
- Queen Elizabeth Hospital, Kings Lynn
- Queen Elizabeth II Hospital, Welwyn Garden City
- Queen Mother’s Hospital, Glasgow
- Queen’s Hospital, Romford
- Rochdale Infirmary, Rochdale
- Rotherham 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 Free Hospital, London
- Royal Hampshire County Hospital, Winchester
- Royal Lancaster Infirmary, Lancaster
- Royal London Hospital, London
- Royal Oldham Hospital, Oldham
- Royal Shrewsbury Hospital, Shrewsbury
- Royal United Hospital, Bath
- Salisbury District Hospital, Salisbury
- Sandwell District General Hospital, West Bromwich
- Scarborough General Hospital, Scarborough
- Scunthorpe General Hospital, Scunthorpe
- Shrewsbury and Telford Hospital, Shrewsbury
- Southend Hospital, Westcliff-on-Sea
- Southend Hospital, Southend on Sea
- Southmead Hospital, Bristol
- Southport & Ormskirk Hospital NHS Trust, Ormskirk
- St James’s University Hospital, Leeds
- St John’s Hospital, Livingston
- St Mary’s Hospital, London
- St Mary’s Hospital, Manchester
- St Michael’s Hospital, Bristol
- St Peter’s Hospital, Chertsey
- Staffordshire General Hospital, Stafford
- Stepping Hill Hospital, Stockport
- Stirling Royal Infirmary, Stirling
- Stoke Mandeville Hospital, Aylesbury
- Tamworth General Hospital, Tamworth
- Taunton and Somerset Royal Hospital, Taunton
- The Jessop Wing, Sheffield
- The Portland Hospital, London
- Torbay Hospital, Torquay
- Trafford General Hospital, Manchester
- Ulster Hospital, Belfast
- University Hospital, 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 General Hospital, Warwick
- West Cumberland Hospital, Whitehaven
- West Middlesex University Hospital, Isleworth
- West Suffolk Hospital, Bury St Edmunds
- Western Isles Hospital, Stornoway
- Whiston Hospital, Prescot
- Whittington Hospital, London
- Withybush Hospital, Haverfordwest
- Worcester Royal Hospital, Worcester
- Worthing Hospital, Worthing
- Wrexham Maelor Hospital, Wrexham
- Wycombe General Hospital, High Wycombe
- Wythenshawe Hospital, Manchester
- York Hospital, York
- Ysbyty Gwynedd District General Hospital, Bangor
- Arrowe Park Hospital, Wirral
- Barnet and Chase Farm Hospitals NHS Trust, Enfield
- Barnet General Hospital, Barnet
- Bedford Hospital, Bedford
- Birmingham City Hospital, Birmingham
- Chelsea & Westminster Hospital, London
- Doncaster Royal Infirmary, Doncaster
- Dr Gray’s Hospital, Elgin
- East Surrey Hospital, Redhill
- Eastbourne District General Hospital, Eastbourne
- Guy’s and St Thomas’ Hospital, London
- Norfolk & Norwich University Hospital, Norwich
- Peterborough Maternity Unit, Peterborough
- Princess of Wales Hospital, Bridgend
- Princess Royal Maternity Hospital, Glasgow
- Queen Charlotte's and Chelsea Hospital, London
- Queen Elizabeth Hospital, Gateshead
- Queen Elizabeth Hospital, London
- Queen Elizabeth the Queen Mother Hospital, Margate
- Queen Mary’s Hospital, Sidcup
- Raimgro Hospital, Inverness
- Royal Berkshire Hospital, Reading
- Royal Devon & Exeter Hospital, Exeter
- Royal Glamorgan Hospital, Llantrisant
- Royal Gwent Hospital, Newport
- Royal Victoria Infirmary, Newcastle-upon-Tyne
- Russells Hall Hospital, Dudley
- Southern General Hospital, Glasgow
- St George’s Hospital, London
- St Helier Hospital, Carshalton
- St John’s Hospital, Chelsester
- The Great Western Hospital, Swindon
- University Hospital Lewisham, London
- Warwick Hospital, Warwick
- West Wales General Hospital, Carmarthen
- Whipps Cross University Trust Hospital, London
- Wishaw General Hospital, Wishaw
- Yeovil Women’s Hospital, Yeovil
- Calderdale Royal Infirmary, Halifax
- City Hospitals Sunderland NHS Trust, Sunderland
- Lister Hospital, Stevenage
- Mayday University Hospital, Thornton Heath
- Northwick Park Hospital, Harrow
- Queen’s Hospital, Burton upon Trent
- Royal Jubilee Maternity Service, Belfast
- 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
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- Withybush Hospital, Haverfordwest
- Worcester Royal Hospital, Worcester
- Worthing Hospital, Worthing
- Wrexham Maelor Hospital, Wrexham
- Wycombe General Hospital, High Wycombe
- Wythenshawe Hospital, Manchester
- York Hospital, York
- Ysbyty Gwynedd District General Hospital, Bangor

Returned all three cards. Returned two cards. Returned one card.
Case report summary for current studies to 10/09/09

<table>
<thead>
<tr>
<th>Disorder</th>
<th>Actual number of reported cases</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>102</td>
<td>91 (89)</td>
<td>60</td>
<td>55</td>
</tr>
<tr>
<td>Antenatal stroke</td>
<td>55</td>
<td>42 (76)</td>
<td>22</td>
<td>126</td>
</tr>
<tr>
<td>Congenital diaphragmatic hernia</td>
<td>76</td>
<td>29 (38)</td>
<td>20</td>
<td>102</td>
</tr>
<tr>
<td>Failed intubation</td>
<td>60</td>
<td>40 (67)</td>
<td>34</td>
<td>102</td>
</tr>
<tr>
<td>Malaria</td>
<td>4</td>
<td>4 (100)</td>
<td>3</td>
<td>40</td>
</tr>
<tr>
<td>Multiple Repeat CS</td>
<td>71</td>
<td>45 (63)</td>
<td>36</td>
<td>200</td>
</tr>
<tr>
<td>Myocardial infarction</td>
<td>50</td>
<td>45 (90)</td>
<td>23</td>
<td>83</td>
</tr>
<tr>
<td>Non-renal solid organ transplant recipients</td>
<td>51</td>
<td>41 (80)</td>
<td>35</td>
<td>54</td>
</tr>
<tr>
<td>Pulmonary vascular disease</td>
<td>60</td>
<td>53 (88)</td>
<td>23</td>
<td>30</td>
</tr>
<tr>
<td>Renal transplant recipients</td>
<td>114</td>
<td>95 (83)</td>
<td>86</td>
<td>192</td>
</tr>
<tr>
<td>Therapies for peripartum haemorrhage</td>
<td>522</td>
<td>442 (85)</td>
<td>309</td>
<td>738</td>
</tr>
<tr>
<td>Uterine Rupture</td>
<td>70</td>
<td>35 (50)</td>
<td>21</td>
<td>85</td>
</tr>
</tbody>
</table>

**Case definition**

Any women with aortic dissection (also referred to as dissecting aortic aneurysm) confirmed using suitable imaging (Echocardiography, Computed tomography, MRI) or at surgery or post-mortem, either during or prior to the current pregnancy.

**Background**

Aortic dissection in pregnancy is a life-threatening event for both mother and baby and accounts for 14% of maternal cardiac deaths. Approximately 50% of cases reported in women under the age of 40 occur amongst pregnant women. Patients presenting with aortic dissection may do so with a wide array of symptoms and the condition may be missed or misdiagnosed. There is often an over-cautious approach by clinicians to imaging studies required for diagnosis for fear of radiation effects on the baby. Delays in treatment of this disease may be fatal, since the mortality rate increases by 1% each hour if left untreated.

To date there have been no published prospective studies of aortic dissection resulting in a limited understanding of the epidemiology of the disease and how best to manage it. This study will determine the national incidence of aortic dissection in pregnancy and will provide information on the current investigation, management and maternal-foetal outcomes of this disease in the UK.

**Funding**

Heart Research UK

**Investigators**

Sheba Jarvis, Mandish Dhanjal, Richard Gibbs, Catherine Williamson

Imperial College Healthcare NHS Trust, Queen Charlottes and Chelsea Hospital

**References**


New Study - Aortic dissection

Data collection for the new aortic dissection study started on 1st September, with the condition listed for the first time on the October blue card. Folder documentation is enclosed with this newsletter.

**Background**

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Comparison women for uterine rupture study…

This is a reminder that women selected as controls for the study into uterine rupture must be women who give birth after having had a previous caesarean section. We have generated a random list of hospitals, dates and times to use as a selection guide. If your hospital has been chosen, you will have received a letter before the date asking you to identify the women giving birth closest to the specified date and time. And remember – this must be a woman who has had at least one previous caesarean delivery.

The Chocolate Box

Chocolates this month for Rowan Wilson, St James University Hospital, Leeds for ensuring completeness of data, Sharon Hackett, Queen Alexandra Hospital, Portsmouth and Anne Ovens, Queen Mother’s Hospital, Glasgow for prompt returns of cards since 2005. Enjoy!

Marian Knight: 01865 289727  
Carole Harris: 01865 289714  
email: UKOSS@npeu.ox.ac.uk  
web: www.npeu.ox.ac.uk/UKOSS

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