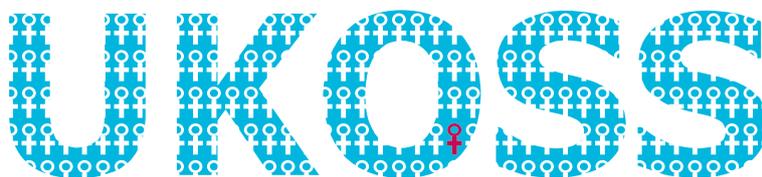




Royal College of  
Obstetricians and  
Gynaecologists



UK Obstetric Surveillance System



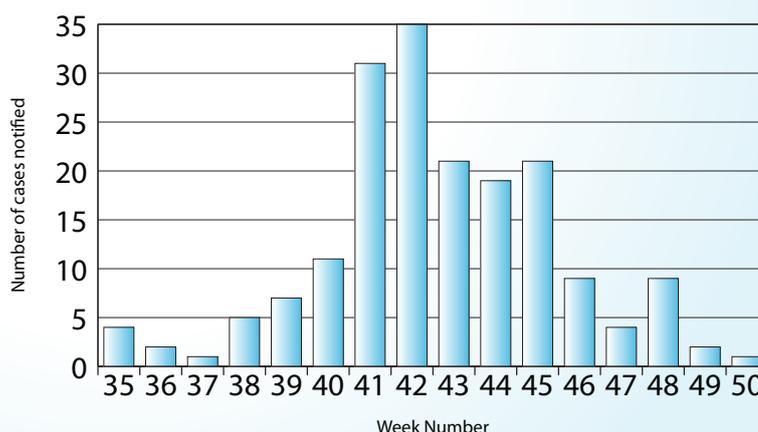
## Newsletter 20: January 10

### UKOSS is five years old!

Thank you to all who have contributed to the studies completed over the last five years. Thanks to your tremendous efforts, UKOSS studies have:

- Demonstrated a significant reduction in the incidence of eclampsia in the UK
- Established the role of thromboprophylaxis guidelines in the prevention of antenatal pulmonary embolism
- Confirmed the association of caesarean section delivery with peripartum hysterectomy
- Investigated the second line management of severe haemorrhage
- Reported adverse outcomes of pregnancy in women with extreme obesity
- Rapidly surveyed H1N1v infection ("swine flu") in pregnancy

Our particular thanks to those of you who have collaborated with the H1N1v influenza study. To date 352 cases have been reported with 65% of data collection forms returned. The graph to the right illustrates the notification dates of confirmed cases, showing the decrease in case reports as the epidemic has declined. Note that data collection for the swine flu study will cease on 31 January 2010; do not report any women admitted to hospital after this date.



### Case report summary for current studies to 04/01/10

| Disorder                                    | Actual number of reported cases | Data collection forms returned (%) | Number of confirmed cases | Expected number of confirmed cases |
|---|---------------------------------|------------------------------------|---------------------------|------------------------------------|
| Amniotic fluid embolism                     | 109                             | 103 (94)                           | 68                        | 58                                 |
| Aortic dissection                           | 2                               | 1 (50)                             | 0                         | 12                                 |
| Antenatal stroke                            | 69                              | 55 (80)                            | 26                        | 144                                |
| Congenital diaphragmatic hernia             | 157                             | 100 (64)                           | 63                        | 153                                |
| Failed intubation                           | 70                              | 55 (79)                            | 45                        | 120                                |
| H1N1v flu                                   | 352                             | 228 (65)                           | 178                       | 200                                |
| Multiple Repeat CS                          | 106                             | 80 (75)                            | 68                        | 275                                |
| Myocardial infarction                       | 54                              | 48 (89)                            | 23                        | 88                                 |
| Non-renal solid organ transplant recipients | 60                              | 52 (87)                            | 42                        | 59                                 |
| Pulmonary vascular disease                  | 65                              | 56 (86)                            | 24                        | 32                                 |
| Renal transplant recipients                 | 126                             | 108 (86)                           | 93                        | 210                                |
| Uterine Rupture                             | 135                             | 93 (69)                            | 61                        | 136                                |

## 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  
 Arrowe Park Hospital, Wirral  
 Ayrshire Maternity Unit, Kilmarnock  
 Barnet and Chase Farm Hospitals NHS Trust, Enfield  
 Bamsley District General Hospital, Barnsley  
 Basildon Hospital, Basildon  
 Bassetlaw District General Hospital, Worksop  
 Bedford Hospital, Bedford  
 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  
 Colchester General Hospital, Colchester  
 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  
 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  
 Epsom General Hospital, Epsom  
 Forth Park Hospital, Kirkcaldy  
 Friarage Hospital, Northallerton  
 Frimley Park Hospital, Camberley  
 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  
 Harrogate District Hospital, Harrogate  
 Hereford County Hospital, Hereford  
 Hinchingbrooke Hospital, Huntingdon  
 Homerton Hospital, London  
 Hope Hospital, Manchester  
 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  
 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  
 Lagan 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  
 Manor Hospital, Walsall  
 Mater Infirmerum 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 Middlesex Hospital, London  
 Northampton General Hospital, Northampton  
 Northwick Park Hospital, Harrow  
 Nottingham University Hospitals NHS Trust, Nottingham  
 Pembury Hospital, Tunbridge Wells  
 Peterborough Maternity Unit, Peterborough  
 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 Maternity Hospital, Glasgow  
 Queen Alexandra Hospital, Portsmouth  
 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 Mary's Hospital, Sidcup  
 Queen Mother's Hospital, Glasgow  
 Queen's Hospital, Burton upon Trent  
 Raigmore Hospital, Inverness  
 Rosie Maternity Hospital, Cambridge  
 Royal Albert Edward Infirmary, Wigan  
 Royal Alexandra Hospital, Paisley  
 Royal Berkshire Hospital, Reading  
 Royal Bolton Hospital, Bolton  
 Royal Cornwall Hospital, Truro  
 Royal Devon & Exeter Hospital, Exeter  
 Royal Free Hospital, London  
 Royal Glamorgan Hospital, Llantrisant  
 Royal Gwent Hospital, Newport  
 Royal Hampshire County Hospital, Winchester  
 Royal Jubilee Maternity Service, Belfast  
 Royal Lancaster Infirmary, Lancaster  
 Royal Oldham Hospital, Oldham  
 Royal Shrewsbury Hospital, Shrewsbury  
 Royal Surrey County Hospital, Guildford  
 Royal United Hospital, Bath  
 Salisbury District Hospital, Salisbury  
 Sandwell District General Hospital, West Bromwich  
 Scarborough Hospital, Scarborough  
 Scunthorpe General Hospital, Scunthorpe  
 Sharoe Green Unit, Preston  
 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 Michael's Hospital, Bristol  
 St Peter's Hospital, Chertsey  
 St Richard's Hospital, Chichester  
 Staffordshire General Hospital, Stafford  
 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  
 Trafford General Hospital, Manchester  
 Ulster Hospital, Belfast  
 University Hospital of Coventry & Warwickshire, Coventry  
 University Hospital of North Durham, Durham  
 University Hospital of North Tees, Stockton-on-Tees  
 University Hospital of Wales, Cardiff  
 Victoria Hospital, Blackpool  
 Wansbeck General Hospital, Ashington  
 Warrington Hospital, Warrington  
 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  
 Whipps Cross University Trust Hospital, London  
 Whiston Hospital, Prescot  
 Whittington Hospital, London  
 William Harvey Hospital, Ashford  
 Wishaw General Hospital, Wishaw  
 Worcestershire Royal Hospital, Worcester  
 Worthing Hospital, Worthing  
 Wrexham Maelor Hospital, Wrexham  
 Wycombe General Hospital, High Wycombe  
 Wythenshawe Hospital, Manchester  
 Yeovil Women's Hospital, Yeovil  
 Ysbyty Gwynedd District General Hospital, Bangor  
 Birmingham City Hospital, Birmingham  
 City Hospitals Sunderland NHS Trust, Sunderland  
 Conquest Hospital, St Leonards-on-Sea  
 Derriford Hospital, Plymouth  
 Eastbourne District General Hospital, Eastbourne  
 Erme Hospital, Enniskillen  
 Furness General Hospital, Barrow-in-Furness  
 Hillingdon Hospital, Uxbridge  
 Horton Hospital, Banbury  
 John Radcliffe Hospital, Oxford  
 Luton & Dunstable Hospital, Luton  
 Maidstone General Hospital, Maidstone  
 Nevill Hall Hospital, Abergavenny  
 Ninewells Hospital & Medical School, Dundee  
 North Hampshire Hospital, Basingstoke  
 North Manchester General Hospital, Manchester  
 Pilgrim Hospital, Boston  
 Pontefract General Infirmary, Pontefract  
 Princess Royal Hospital, Haywards Heath  
 Princess Royal University Hospital, Orpington  
 Rochdale Infirmary, Rochdale  
 Rotherham District General Hospital, Rotherham  
 Royal Blackburn Hospital, Blackburn  
 Royal London Hospital, London  
 Royal Sussex County Hospital, Brighton  
 Royal Victoria Infirmary, Newcastle-upon-Tyne  
 Russells Hall Hospital, Dudley  
 Southern General Hospital, Glasgow  
 St George's Hospital, London  
 St John's Hospital, Chelmsford  
 Torbay Hospital, Torquay  
 University College Hospital, London  
 University Hospital Lewisham, London  
 Warwick Hospital, Warwick  
 Wexham Park Hospital, Slough  
 Withybush Hospital, Haverfordwest  
 Calderdale Royal Hospital, Halifax  
 Dewsbury and District Hospital, Dewsbury  
 East Surrey Hospital, Redhill  
 Fairfield General Hospital, Bury  
 Queen's Hospital, Romford  
 St Helier Hospital, Carshalton  
 York Hospital, York

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

# New Studies

## Myeloproliferative disorders

Data collection for this study starts on 1st January, with the condition listed for the first time on the next blue card. Folder documentation is enclosed with this newsletter.

### Key points

- Historical literature suggests myeloproliferative disorders are associated with increased maternal and fetal morbidity and mortality.
- There have been no prospective national studies to estimate the incidence or outcomes of myeloproliferative disorders, persistent thrombocytosis or erythrocytosis in pregnancy.
- This study of myeloproliferative disorders, persistent thrombocytosis or erythrocytosis in pregnancy will investigate the incidence, management and outcomes for mother and infant.

### Case definition

All pregnant women in the UK identified as having:

- EITHER a myeloproliferative disorder (essential thrombocythaemia, polycythaemia vera, myelofibrosis), diagnosed by a consultant haematologist according to WHO guidelines
- OR a thrombocytosis (platelet count persistently greater than  $600 \times 10^9/l$ )
- OR an erythrocytosis (haemoglobin persistently greater than 16.5g/dl).

### Funding

Guy's and St Thomas' Charity

### Investigators

Sue Robinson, Claire Harrison, Susan Bewley, Gabriella Gray, Guy's and St Thomas' Hospital

## Sickle cell disease in pregnancy

### Key points

- Sickle cell disease is the most common genetic disease in the UK and is associated with significant mortality and morbidity during pregnancy
- There are no prospective national studies to estimate the incidence or outcomes of pregnancy in patients with sickle cell disease.
- This study will investigate the incidence, management and outcomes for mother and infant in pregnancies where the mother has sickle cell disease.

### Surveillance Period

February 2010 – February 2011

### Case definition

Any pregnant woman in the UK identified as having sickle cell disease using the following definition:

Sickle cell disease including

homozygous sickle cell disease and compound heterozygous conditions of haemoglobin S with haemoglobin C, D, E, O-Arab or Beta thalassaemia.

Pregnancies in women with sickle cell trait are **excluded**.

### Funding

Guy's and St Thomas' Charity

### Investigators

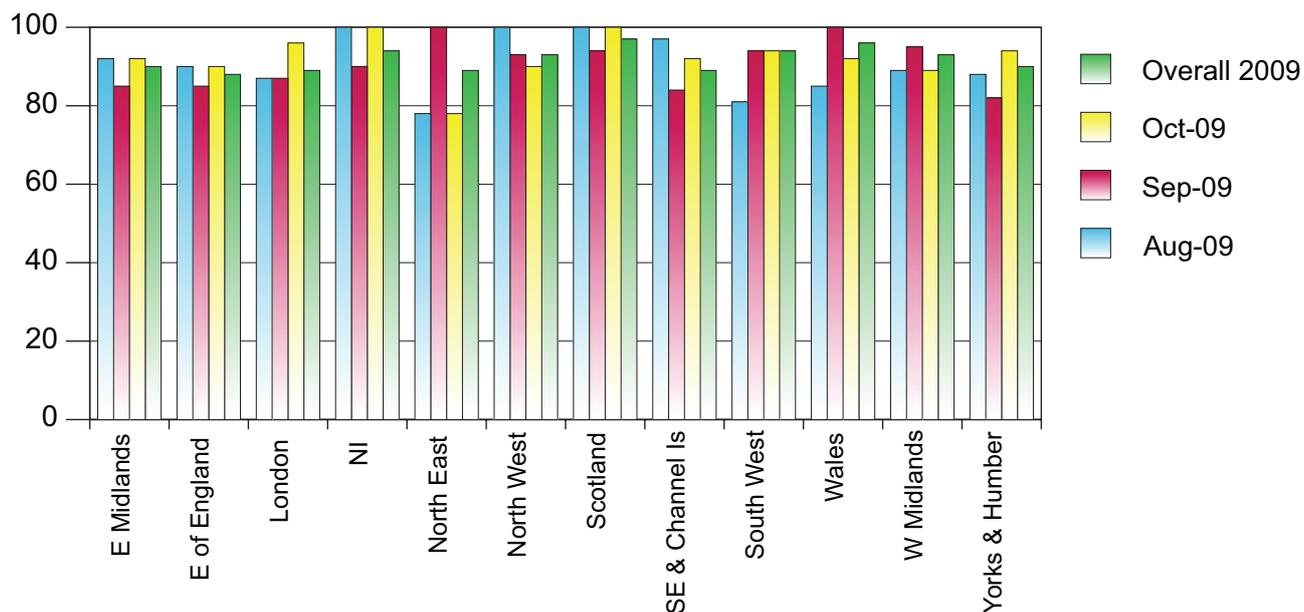
Jo Howard, Eugene Oteng-Ntim, Guy's and St Thomas' NHS Foundation Trust

## Final Data Collection for Multiple Repeat CS and Renal Transplant Studies

The final cases for these studies should have been notified in December. We will shortly be sending out requests for any remaining uncompleted data collection forms; if you have any outstanding forms please can you send them back as soon as possible.

## UKOSS Regional Card Return Rates

Card return rates August 2009 - October 2009



### Applications sought for new UKOSS Steering Committee members

We have vacancies for two obstetricians and a midwife to join the UKOSS Steering Committee. The committee meets three times per year and its main roles are to consider applications for inclusion of new studies on the UKOSS programme and to monitor the progress of ongoing studies. We would particularly like to encourage applications

from obstetricians in Wales and/or those working outside of tertiary units, as well as midwives in risk management roles. The positions are not remunerated but meetings may be considered as part of continuing professional development.

Further details may be obtained from Dr Marian Knight ([marian.knight@npeu.ox.ac.uk](mailto:marian.knight@npeu.ox.ac.uk)). Interested applicants are requested to submit a two page CV and a paragraph explaining why they would like to undertake the role to Dr Knight by the closing date of 22 February. Applications will be considered by the Steering Committee.

### The Chocolate Box

William Taylor from Wrexham  
 Anne McGhee from Paisley  
 Sallie Scott from Barnstaple  
 - for all dealing promptly with flu queries

Marian Knight: **01865 289727**

Carole Harris: **01865 289714**

email: **[UKOSS@npeu.ox.ac.uk](mailto:UKOSS@npeu.ox.ac.uk)**

web: **[www.npeu.ox.ac.uk/UKOSS](http://www.npeu.ox.ac.uk/UKOSS)**