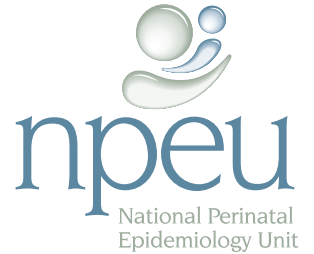


UK Obstetric Surveillance System



Royal College of Obstetricians and Gynaecologists

# Newsletter 7: October 06

## More 100% Hospitals!

Welcome to the seventh UKOSS newsletter. Both the North East and the East Midlands have returned 100% of cards for the last three months. Congratulations! Thank you again for all your hard work. We would be grateful if you could all check the details of your returns on page 2 as we have been having some problems with the post and there may be some lost cards. If you think we have not received

any of your cards, please email us to let us know and we can update the database. Further congratulations to the following

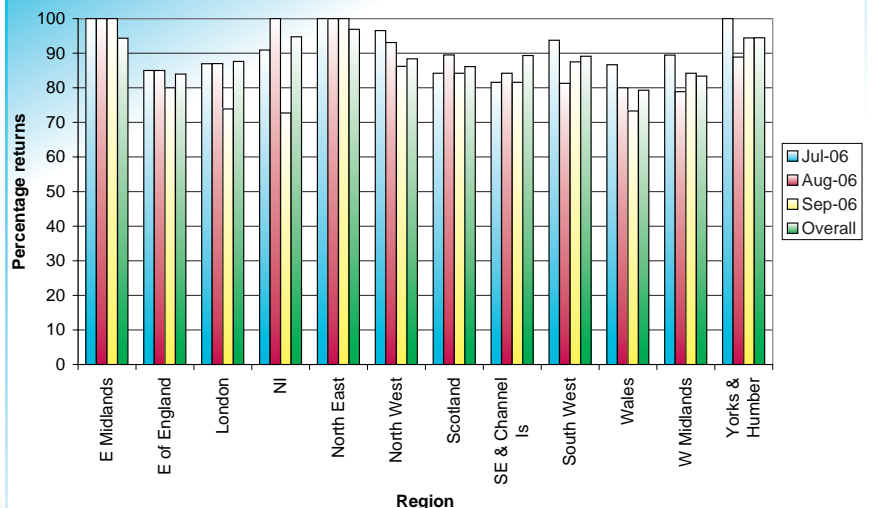
### New 100% hospitals

- Birmingham Women's Hospital
- Causeway Hospital
- Darent Valley Hospital
- Derriford Hospital
- Erne Hospital
- Glan Clwyd District General Hospital
- Guy's and St Thomas' Hospital
- Harrogate District Hospital
- Hillingdon Hospital
- Jersey General Hospital
- Kettering General Hospital
- Kingston Hospital
- Liverpool Women's Hospital
- Milton Keynes General Hospital
- North Tyneside General Hospital
- Northampton General Hospital
- Pembury Hospital
- Peterborough Maternity Unit
- Princess Anne Hospital
- Princess Royal University Hospital
- Queen Charlotte's and Chelsea Hospital
- Royal Bolton Hospital
- Royal Jubilee Maternity Service
- Royal Surrey County Hospital
- Royal Sussex County Hospital
- Scarborough Hospital
- St Helier Hospital
- St Mary's Hospital, London
- St Mary's Hospital, Manchester
- Ulster Hospital
- University Hospital of Hartlepool
- University Hospital of North Durham
- Wansbeck General Hospital
- Warwick Hospital
- West Middlesex University Hospital
- West Suffolk Hospital
- Western Isles Hospital
- Worcestershire Royal Hospital

### Cases reported for current studies

Disorder	Actual Number of cases	Expected number of cases
Acute Fatty Liver	79	144
Amniotic Fluid Embolism	36	19
Antenatal Pulmonary Embolism	179	95
FMAIT	7	10
Gastroschisis	Data collection starts this month	
Myocardial Infarction	9	78
Pulmonary Vascular Disease	11	4
Tuberculosis	120	323

### Regional card return rates July-Sept 2006



## Thanks to the following hospitals who have returned cards for the last three months:

Aberdeen Maternity Hospital  
 Airedale General Hospital  
 Alexandra Hospital  
 Barnsley District General Hospital  
 Basildon Hospital  
 Bassetlaw District General Hospital  
 Birmingham City Hospital  
 Birmingham Women's Hospital  
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 Bronglais Hospital  
 Caithness General Hospital  
 Causeway Hospital  
 Chelsea & Westminster Hospital  
 Cheltenham General Hospital  
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 Hospital  
 Colchester General Hospital  
 Countess of Chester Hospital  
 Craigavon Area Hospital  
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 Daisy Hill Hospital  
 Darent Valley Hospital  
 Darlington Memorial Hospital  
 Derby Hospitals NHS Foundation Trust  
 Derriford Hospital  
 Dewsbury and District Hospital  
 Diana Princess of Wales Hospital  
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 Dorset County Hospital  
 Dr Gray's Hospital  
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 Ealing Hospital  
 East Surrey Hospital  
 Epsom General Hospital  
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 Forth Park Hospital  
 Friarage Hospital  
 Frimley Park Hospital  
 Furness General Hospital  
 George Eliot Hospital  
 Glan Clwyd District General Hospital  
 Gloucestershire Royal Hospital  
 Good Hope Hospital  
 Guy's and St Thomas' Hospital  
 Harold Wood Hospital  
 Harrogate District Hospital  
 Hereford County Hospital  
 Hexham General Hospital  
 Hillingdon Hospital  
 Hinchingsbrooke Hospital  
 Homerton Hospital  
 Horton Hospital  
 Hospital of St John and St Elizabeth  
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 Ipswich Hospital  
 James Cook University Hospital  
 James Paget Hospital  
 Jersey General Hospital  
 John Radcliffe Hospital  
 Kettering General Hospital  
 King George Hospital  
 Kings College Hospital  
 King's Mill Hospital  
 Kingston Hospital  
 Lagan Valley Hospital  
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 Leicester General Hospital  
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 Leighton Hospital  
 Lincoln County Hospital  
 Lister Hospital  
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 Maidstone General Hospital  
 Manor Hospital  
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 Medway Maritime Hospital  
 Mid-Ulster Hospital  
 New Cross Hospital  
 Ninewells Hospital & Medical School  
 Nobles Hospital  
 Norfolk & Norwich University Hospital  
 North Devon District Hospital  
 North Hampshire Hospital  
 North Tyneside General Hospital  
 Northampton General Hospital  
 Nottingham City Hospital  
 Nottingham University Hospitals NHS  
 Trust  
 Pembury Hospital  
 Pilgrim Hospital  
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 Poole Hospital  
 Prince Charles Hospital  
 Princess Alexandra Hospital  
 Princess Elizabeth Hospital  
 Princess Royal Hospital  
 Princess Royal University Hospital  
 Queen Elizabeth Hospital, Gateshead  
 Queen Elizabeth II Hospital  
 Queen Mother's Hospital  
 Queen's Hospital  
 Raigmore Hospital  
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 Royal Alexandra Hospital  
 Royal Blackburn Hospital  
 Royal Bolton Hospital  
 Royal Cornwall Hospital  
 Royal Hampshire County Hospital  
 Royal Jubilee Maternity Service  
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 Royal Oldham Hospital  
 Royal Shrewsbury Hospital  
 Royal Sussex County Hospital  
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 Russells Hall Hospital  
 Salisbury District Hospital  
 Sandwell District General Hospital  
 Scarborough Hospital  
 Scunthorpe General Hospital  
 Sharoe Green Unit  
 Simpson Centre for Reproductive Health  
 Singleton Hospital  
 South Tyneside District Hospital  
 Southend Hospital  
 Southern General Hospital  
 Southmead Hospital  
 Southport & Ormskirk Hospital NHS Trust  
 St George's Hospital  
 St Helier Hospital  
 St James's University Hospital  
 St John's Hospital  
 St John's Unit at Howden  
 St Mary's Hospital, London  
 St Mary's Hospital, Newport  
 St Mary's Hospital, Portsmouth  
 St Michael's Hospital  
 St Peter's Hospital  
 St Richard's Hospital  
 Staffordshire General Hospital  
 Stepping Hill Hospital  
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 Stoke Mandeville Hospital  
 Tameside General Hospital  
 Taunton and Somerset Hospital  
 The Jessop Wing  
 The Portland Hospital  
 Torbay Hospital  
 Trafford General Hospital  
 Ulster Hospital  
 University College Hospital  
 University Hospital Lewisham  
 University Hospital of Hartlepool  
 University Hospital of North Durham  
 University Hospital of North Tees  
 University Hospital of Wales  
 Victoria Hospital  
 Warwick Hospital  
 Watford General Hospital  
 West Cumberland Hospital  
 West Middlesex University Hospital  
 West Suffolk Hospital  
 West Wales General Hospital  
 Western Isles Hospital  
 Wexham Park Hospital  
 Whipps Cross Hospital  
 Whittington Hospital  
 Wishaw General Hospital  
 Withybush Hospital  
 Worcestershire Royal Hospital  
 Worthing Hospital  
 Wrexham Maelor Hospital  
 Wythenshawe Hospital  
 Yeovil Women's Hospital  
 York Hospital  
 Ysbyty Gwynedd District General Hospital  
 Antrim Hospital  
 Arrowe Park Hospital  
 Ayrshire Maternity Unit  
 Bedford Hospital  
 Borders General Hospital  
 Burnley General Hospital  
 City Hospitals Sunderland NHS Trust  
 Conquest Hospital  
 Erne Hospital  
 Hope Hospital  
 Liverpool Women's Hospital  
 Milton Keynes General Hospital  
 Nevill Hall Hospital  
 Newham General Hospital  
 North Middlesex Hospital  
 Northwick Park Hospital  
 Princess Anne Hospital  
 Princess of Wales Hospital  
 Queen Charlotte's and Chelsea Hospital  
 Queen Elizabeth Hospital, Kings Lynn  
 Queen Elizabeth the Queen Mother  
 Hospital  
 Rosie Maternity Hospital  
 Rotherham District General Hospital  
 Royal Berkshire Hospital  
 Royal Devon & Exeter Hospital  
 Royal Glamorgan Hospital  
 Royal Gwent Hospital  
 Royal London Hospital  
 St Mary's Hospital, Manchester  
 Walsgrave Hospital  
 Wansbeck General Hospital  
 Warrington Hospital  
 Whiston Hospital  
 William Harvey Hospital  
 Wycombe General Hospital  
 Altnagalvin Area Hospital  
 Barnet and Chase Farm Hospitals NHS  
 Trust  
 Calderdale Royal Hospital  
 City General Hospital  
 Eastbourne District General Hospital  
 North Manchester General Hospital  
 Peterborough Maternity Unit  
 Queen Elizabeth Hospital, London  
 Queen Mary's Hospital  
 Royal Free Hospital  
 The Great Western Hospital

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

### Pregnancy in Transplant Recipients

Despite initial concerns about the advisability of pregnancy in solid-organ transplant recipients, there have now been reports of over 14,000 births to women with transplanted organs<sup>1</sup>. Most studies are centre-based and retrospective. Three voluntary registers have collected data at various times: the US National Transplantation Pregnancy Register (1991-present), the UK Transplant Pregnancy Register (1994-2001) and the European Dialysis and Transplant Association Registry (1960-1992). Recent analysis of data from the UK Transplant Pregnancy Register (72%) in pregnant renal transplant recipients. Worse outcomes were associated with poorer pre-pregnancy graft function and drug-treated hypertension during pregnancy. Increasing numbers of pregnancies are now occurring in recipients of non-renal solid organ transplants<sup>1</sup>. The UK Transplant Register ceased to collect data in 2001. This project will collect information about pregnancy outcomes amongst current transplant recipients in the UK and assess the role of immunosuppressive regimens and other factors in the outcomes of women and their infants. This information is important to inform future management and counselling of these women. Data will be collected separately for women with kidney transplants and those with other transplanted organs.

1. McKay DB, Josephson MA. Pregnancy in recipients of solid organs--effects on mother and child. *N Engl J Med* 2006; 354(12):1281-93.

### Extreme Obesity

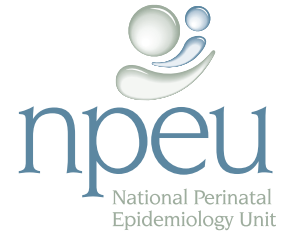
Obesity is now recognised to be an important public health problem throughout the developed world. The prevalence of obesity is rising rapidly in the UK in all age groups, including women of reproductive age with pregnancy among obese women. Women are at risk of a number of complications of pregnancy, including pre-eclampsia, venous thromboembolism and gestational diabetes, and have higher rates of labour induction, delivery by caesarean section, general anaesthesia and anaesthetic complications<sup>1</sup>. Obese women are also at increased risk of poor perinatal outcomes, including stillbirth and neonatal death<sup>2</sup>. Maternal and Child Health have also highlighted obesity as a factor in increasing numbers of women dying from a variety of causes, including antepartum and postpartum thromboembolism, failed intubation, and because their physical size precluded adequate service provision will need to be ensured to avoid an increase in the numbers of maternal deaths. This study will investigate the prevalence and outcomes of pregnancy in women with extreme obesity in the UK, and assess the risk of adverse outcomes attributable to obesity. The project will also assess any adverse outcomes related to inadequate provision of equipment or services for these women.

1. Sebire NJ, Jolly M, Harris JP et al. Maternal obesity and pregnancy outcome: a study of 287,213 pregnancies in London. *Int J Obes Relat Metab Disord* 2001; 25(8):1175-82.
2. Kristensen J, Vestergaard M, Wisborg K, Kesmodel U, Secher NJ. Pre-pregnancy weight and the risk of stillbirth and neonatal death. *BJOG* 2005; 112(4):403-8.





# British Association of Paediatric Surgeons Congenital Anomalies Surveillance System (BAPS-CASS)



## Introducing BAPS-CASS

October saw the launch of the new British Association of Paediatric Surgeons Congenital Anomalies Surveillance System. This joint initiative between the NPEU and the British Association of Paediatric Surgeons will run in a very similar manner to UKOSS, conducting a rolling programme of studies through a monthly card for infants with gastroschisis.

## Why does UKOSS need “nil returns”?

**UKOSS Report Card**  
United Kingdom Obstetric Surveillance System


April 2006

No cases to report

Please specify the number of cases seen:

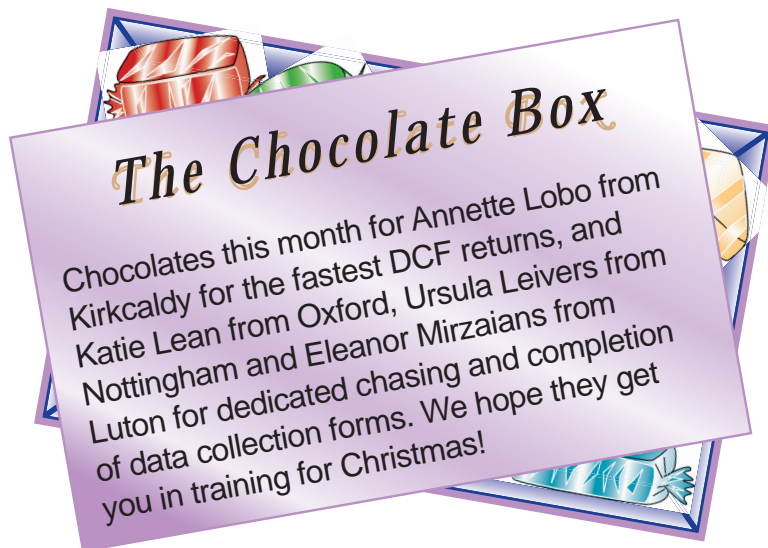
- Acute Fatty Liver
- Amniotic Fluid Embolism
- Antenatal Pulmonary Embolism
- Myocardial Infarction
- Pulmonary Vascular Disease
- Tuberculosis

My contact details have changed   
My new details are: .....



The primary research aim of most UKOSS studies is to identify the incidence of a particular rare condition (proportion of women with that disorder). In order to generate an accurate estimate of incidence, we need to record both the number of cases occurring (the numerator), and the total number of births for all participating hospitals (the denominator). When you return a card indicating that there has been “nothing to report” at your hospital, it means that we know that we can include the births for your hospital in the denominator for the study. When you return a card indicating that there are cases, we include them in both the numerator and the denominator numbers. If we do not receive a card at all, we cannot be certain that there are no cases for your particular hospital and

therefore we cannot be certain of the accurate denominator to make our calculation of incidence. Nil returns also allow us to be sure that each hospital is recording cases and that we have not missed any case reports. Missing information about a few cases can make a very big difference to the estimates of incidence generated from studies of uncommon conditions such as those we study in UKOSS. Accurate incidence estimates are particularly important for identifying resources and planning services for women with such rare conditions.



### The Chocolate Box

Chocolates this month for Annette Lobo from Kirkcaldy for the fastest DCF returns, and Katie Lean from Oxford, Ursula Leivers from Nottingham and Eleanor Mirzaian from Luton for dedicated chasing and completion of data collection forms. We hope they get you in training for Christmas!

### Completed studies

The acute fatty liver, antenatal pulmonary embolism and TB studies have now completed reporting and will no longer appear on the blue card. If you have any data collection forms waiting to be completed, please can you return them as soon as possible so that we can start analysing the data. Thank you!

Marian Knight: **01865 289727** email: [UKOSS@npeu.ox.ac.uk](mailto:UKOSS@npeu.ox.ac.uk)  
Carole Harris: **01865 289714** web: [www.npeu.ox.ac.uk/UKOSS](http://www.npeu.ox.ac.uk/UKOSS)