



Royal College of  
Obstetricians  
and Gynaecologists



UK Obstetric Surveillance System



## NEWSLETTER 47 - October 2016

### Advanced Maternal Age study results published

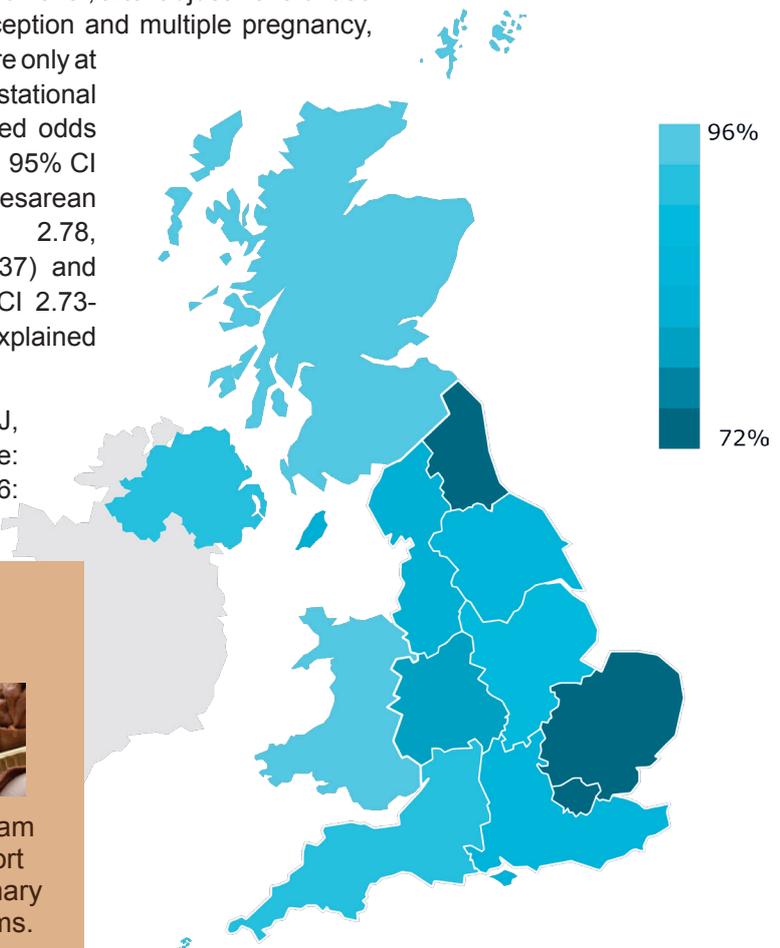
A total of 233 women of advanced maternal age ( $\geq 48$  years at delivery) were notified to UKOSS along with 454 comparison women. The median age of the older women was 49 years (range 48-61 years) while the median age of the comparison women was 31 years (range 16-46 years). Older women were significantly more likely than comparison women to be overweight (33% v 23%,  $p=0.0011$ ) or obese (23% v 19%,  $p=0.0318$ ), to be non-smokers (99% v 90%,  $p=0.004$ ), have had previous uterine surgery not including previous caesarean section (26% v 7%,  $P<0.0001$ ), have previous or pre-existing medical condition(s) (44% v 28%,  $p<0.0001$ ), be nulliparous (53% v 44%,  $p=0.0299$ ), have a multiple pregnancy (18% v 2%,  $p<0.0001$ ), and have conceived following assisted conception (78% v 4%,  $p<0.0001$ ). Unadjusted analysis suggested



that older women were more likely than comparison women to have a range of complications. However, after adjustment for use of assisted conception and multiple pregnancy, older women were only at higher risk of gestational diabetes (adjusted odds ratio [aOR] 4.81, 95% CI 1.93-12.00), caesarean delivery (aOR 2.78, 95% CI 1.44-5.37) and admission to an intensive care unit (aOR 33.53, 95% CI 2.73-412.24). Many of the increased risks thus appear to be explained by multiple pregnancy or use of assisted conception.

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**Reference:** Fitzpatrick KE, Tuffnell D, Kurinczuk JJ, Knight M. Pregnancy at very advanced maternal age: a UK population-based cohort study. *BJOG*, 2016; DOI:10.1111/1471-0528.14269. [Epub ahead of print]



UKOSS regional Card returns map  
June - August 2016

### Chocolate Box



Chocolates this month go to Bill Martin at Birmingham Women's Hospital for timely return of monthly report cards and Catharine Atkinson from Hull Royal Infirmary for prompt return of completed epilepsy control forms.

*Many thanks to you both!*

- Important study reminders

- Meet a UKOSS Reporter



THIS MONTH

## Thanks to the following hospitals who have returned cards for June, July and August 2016:

Aberdeen Maternity Hospital, Aberdeen  
Antrim Hospital, Antrim  
Arowe Park Hospital, Wirral  
Birmingham Heartlands Hospital, Birmingham  
Birmingham Women's Hospital, Birmingham  
Borders General Hospital, Borders  
Bradford Royal Infirmary, Bradford  
Bronglais Hospital, Aberystwyth  
Caithness General Hospital, Wick  
Calderdale Royal Hospital, Halifax  
Causeway Hospital, Coleraine  
Chesterfield & North Derbyshire Royal Hospital, Chesterfield  
City Hospitals Sunderland NHS Trust, Sunderland  
Countess of Chester Hospital, Chester  
Craigavon Area Hospital, Portadown  
Daisy Hill Hospital, Newry  
Darent Valley Hospital, Dartford  
Derby Hospitals NHS Foundation Trust, Derby  
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 & Galloway Royal Infirmary, Dumfries  
East Sussex Healthcare NHS Trust, St Leonards-on-Sea  
Forth Valley Royal Hospital, Larbert  
Frimley Park Hospital, Camberley  
Furness General Hospital, Barrow-in-Furness  
George Eliot Hospital, Nuneaton  
Glan Clwyd District General Hospital, Bodelwyddan  
Gloucestershire Royal Hospital, Gloucester  
Good Hope Hospital, Sutton Coldfield  
Hinchingsbrooke Hospital NHS Trust, Huntingdon  
Homerton University Hospital, London  
Hull Royal Infirmary, Hull  
Ipswich Hospital, Ipswich  
James Cook University Hospital, Middlesbrough  
Jersey General Hospital, St Helier  
Kettering General Hospital, Kettering  
King's Mill Hospital, Sutton in Ashfield  
Leicester General Hospital, Leicester  
Leicester Royal Infirmary, Leicester  
Lister Hospital, Stevenage  
Medway Maritime Hospital, Gillingham  
Milton Keynes Hospital NHS Foundation Trust, Milton Keynes  
New Cross Hospital, Wolverhampton  
Ninewells Hospital & Medical School, Dundee  
Nobles Hospital, Douglas  
Norfolk & Norwich University Hospital, Norwich  
North Devon District Hospital, Barnstaple  
Northampton General Hospital, Northampton  
Northwick Park Hospital, Harrow  
Nottingham City Hospital, Nottingham  
Pilgrim Hospital, Boston  
Pinderfields General Hospital, Wakefield  
Prince Charles Hospital, Methyr Tydfil  
Princess Elizabeth Hospital, St Martins  
Princess Royal Maternity Hospital, Glasgow  
Queen Elizabeth Hospital, Gateshead  
Queen Elizabeth Hospital, Kings Lynn  
Queen Elizabeth Hospital, London  
Queen Elizabeth the Queen Mother Hospital, Margate  
Queen's Medical Centre, Nottingham  
Raigmore Hospital, Inverness  
Royal Alexandra Hospital, Paisley  
Royal Cornwall Hospital, Truro  
Royal Glamorgan Hospital, Llantrisant  
Royal Gwent Hospital, Newport  
Royal Oldham Hospital, Oldham  
Royal Preston Hospital, Preston  
Royal Surrey County Hospital, Guildford  
Royal Sussex County Hospital, Brighton  
Royal United Hospital, Bath  
Russells Hall Hospital, Dudley  
Salisbury District Hospital, Salisbury  
Scarborough Hospital, Scarborough  
Scunthorpe General Hospital, Scunthorpe  
Simpson Centre for Reproductive Health, Edinburgh  
Singleton Hospital, Swansea  
South West Acute Hospital, Enniskillen  
Southend University Hospital NHS FT, Westcliff-on-Sea  
Southern General Hospital, Glasgow  
Southmead Hospital, Bristol  
St John's Hospital, Livingston  
St Mary's Hospital, Newport  
St Peter's Hospital, Chertsey  
Taunton and Somerset Hospital, Taunton  
The Great Western Hospitals NHS Foundation Trust, Swindon  
The Hillingdon Hospitals NHS Foundation Trust, Uxbridge  
The Tunbridge Wells Hospital, Tunbridge Wells  
Torbay Hospital, Torquay  
Ulster Hospital, Belfast  
University Hospital Lewisham, London  
University Hospital of Coventry & Warwickshire, Coventry  
University Hospital of Wales, Cardiff  
Victoria Hospital, Blackpool  
Victoria Hospital, Kirkcaldy  
Wansbeck General Hospital, Ashington  
Warrington and Halton Hospitals NHS FT, Warrington  
Warwick Hospital, Warwick  
West Cumberland Hospital, Whitehaven  
West Middlesex University Hospital, Isleworth  
West Suffolk Hospital, Bury St Edmunds  
West Wales General Hospital, Carmarthen  
Western Isles Hospital, Stornoway  
Whiston Hospital, Prescot  
Wishaw General Hospital, Wishaw  
Wrexham Maelor Hospital, Wrexham  
Wythenshawe Hospital, Manchester  
York Hospital, York  
Ysbyty Gwynedd District General Hospital, Bangor  
Airedale General Hospital, Keighley  
Altnagelvin Area Hospital, Londonderry  
Barnet and Chase Farm NHS Trust Maternity Unit, Barnet  
Barnsley Hospital NHS Foundation Trust, Barnsley  
Basildon Hospital, Canvey Island  
Broomfield Hospital, Chelmsford  
Croydon University Hospital, Thornton Heath  
Cumberland Infirmary, Carlisle  
Darlington Memorial Hospital, Darlington  
Derriford Hospital, Plymouth  
East Surrey Hospital, Redhill  
Epsom General Hospital, Epsom  
Guy's and St Thomas' Hospital, London  
Harrogate District Hospital, Harrogate  
James Paget University Hospitals Trust, Great Yarmouth  
King's College Hospital, London  
Kingston Hospital, Kingston upon Thames  
Leighton Hospital, Crewe  
Manor Hospital, Walsall  
Nevill Hall Hospital, Abergavenny  
North Manchester General Hospital, Manchester  
Poole Hospital, Poole  
Princess Alexandra Hospital, Harlow  
Princess Anne Hospital, Southampton  
Princess of Wales Hospital, Bridgend  
Queen Alexandra Hospital, Portsmouth  
Queen's Hospital, Romford  
Rosie Maternity Hospital, Cambridge  
Rotherham District General Hospital, Rotherham  
Royal Albert Edward Infirmary, Wigan  
Royal Berkshire Hospital, Reading  
Royal Free Hospital, London  
Royal Hampshire County Hospital, Winchester  
Royal Lancaster Infirmary, Lancaster  
Royal Victoria Infirmary, Newcastle-upon-Tyne  
South Tyneside NHS Foundation Trust, South Shields  
St Helier Hospital, Carshalton  
St James's University Hospital, Leeds  
St Michael's Hospital, Bristol  
Stepping Hill Hospital, Stockport  
Stoke Mandeville Hospital, Aylesbury  
The Portland Hospital, London  
University College Hospital, London  
Wexham Park Hospital, Slough  
Whittington Hospital, London  
William Harvey Hospital, Ashford  
Yeovil Women's Hospital, Yeovil  
Birmingham City Hospital, Birmingham  
Chelsea & Westminster Hospital, London  
John Radcliffe Hospital, Oxford  
Lancashire Women and Newborn Centre, Burnley  
Macclesfield District General Hospital, Macclesfield  
North Hampshire Hospital, Basingstoke  
Princess Royal Hospital, Haywards Heath  
Princess Royal Hospital, Telford  
Princess Royal University Hospital, Orpington  
Queen Charlotte's and Chelsea Hospital, London  
Royal Bolton Hospital, Bolton  
Royal Devon & Exeter Hospital, Exeter  
Royal Jubilee Maternity Service, Belfast  
Southport & Ormskirk Hospital NHS Trust, Ormskirk  
St George's Hospital, London  
St Mary's Hospital, London  
The Jessop Wing, Sheffield  
University Hospital of North Durham, Durham  
University Hospital of North Staffordshire, Stoke on Trent  
Worcestershire Royal Hospital, Worcester  
Ayrshire Maternity Unit, Kilmarnock  
Bassetlaw District General Hospital, Worksop  
Bedford Hospital, Bedford  
Colchester General Hospital, Colchester  
Hereford County Hospital, Hereford  
Horton Maternity Hospital, Banbury  
Leeds General Infirmary, Leeds  
Lincoln County Hospital, Lincoln  
Liverpool Women's Hospital, Liverpool  
Luton & Dunstable Hospital, Luton  
Newham General Hospital, London  
North Middlesex University Hospital, Edmonton  
Peterborough City Hospital, Peterborough  
Queen's Hospital, Burton upon Trent  
Royal London Hospital, London  
St Mary's Hospital, Manchester  
St Richard's Hospital, Chichester  
Tameside General Hospital, Ashton-under-Lyne  
University Hospital of North Tees, Stockton-on-Tees  
Watford General Hospital, Watford  
Whipps Cross University Trust Hospital, London  
Worthing Hospital, Worthing

Returned all three cards. Returned two cards. Returned one card. No Cards Returned.

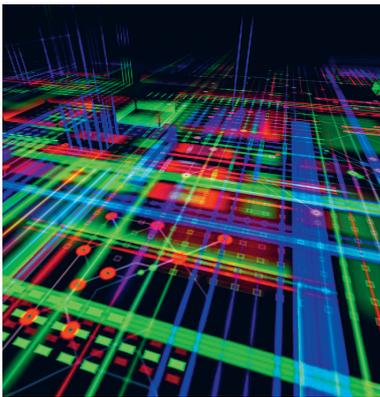


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## Epilepsy Control Identification

We are aware that a number of units have yet to identify controls for the Severe Epilepsy study. We will soon be sending out posters to all units that have outstanding controls asking that anyone who delivers a woman who has epilepsy should notify their local reporter. Please could you ensure that these posters are displayed appropriately on the delivery suites/labour wards from **1st November 2016**. Please let us know how we can further assist with control identification by contacting [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk).

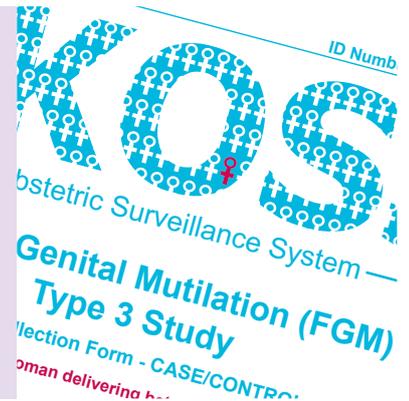


## Reminder that UKOSS reporting is going electronic!

In September we contacted all units requesting confirmation of current reporters and their email addresses. Please can all reporters ensure that they either return the contacts form or notify us via email so that we can make sure that we hold correct contact details for everyone. We are hoping to go live with electronic reporting for the January 2017 cases (therefore from 1st February); we will provide further information and training regarding the new reporting process within the next couple of months. In the meantime, if you have any queries then please contact [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk).

## Female Genital Mutilation (FGM) Type 3 study due to start next month

We introduced the FGM study in the July newsletter. We are planning to begin by collecting **prevalence data only** from 1st October (so this will be included on the next monthly report card) for a four month period. We therefore require only the number of cases of Type 3 FGM (infibulation) and will not be sending out data collection forms initially. We will clarify reporting instructions and circulate the study protocol around all units this month. Please contact [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk) if you have any queries at this stage.



## Pulmonary Embolism (PE) study

This study is in the final month of reporting. Please can all reporters ensure that they have identified all cases of PE and completed all outstanding data collection forms as soon as possible so that we can begin to finalise the data for analysis.

Please contact us at [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk) if you require replacement data collection forms or if you are experiencing problems with providing the requested data.



## GMC Revalidation and NMC Continuing Professional Development

We are aware that as part of your GMC revalidation or NMC Continuing Professional Development you are required to provide evidence of participation in national audit and research. If any UKOSS reporters would like to receive a certificate confirming their contribution to UKOSS, please email us at [ukoss@npeu.ox.ac.uk](mailto:ukoss@npeu.ox.ac.uk) and we will post one to you.

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Open the BARCODE READER APP\* on your phone and scan the code here

\*Search your app store for 'qrcode'



## Case report summary for current studies up until the end of September 2016

Disorder	Actual number of reported cases	Data collection forms returned (%)	Expected number of confirmed cases
Amniotic Fluid Embolism	227	218 (96)	140
Aspiration	13	13 (100)	45
Breast Cancer	41	22 (54)	61
Cystic Fibrosis	75	55 (73)	82
Epidural Haematoma or Abscess	17	15 (88)	5
Epilepsy in Pregnancy	216	170 (79)	505
Epilepsy controls	366 requested	126 (34)	N/A
Pulmonary Embolism	280	228 (81)	238
SHiP	11	7 (64)	11
Single Twin Demise	20	7 (35)	88
Zika Virus in Pregnancy	11	7 (64)	26



## Meet Mr Osric Navti who assisted with resolving reporting issues at Leicester General Hospital.



### *Who is your employer and what is your job title?*

I am a consultant in fetal and maternal medicine, formerly delivery suite lead at the Leicester General Hospital.

### *Can you give a brief summary of your career to date?*

My primary medical qualification was at the College of Medicine, University of Lagos, Nigeria. I came to the UK and proceeded to specialty training in the East & West Midlands and completed CCT in 2006. I spent three years in sub-specialty training and was appointed Consultant in 2010.

### *What are the main duties/responsibilities of your current role? How do they relate to UKOSS reporting?*

I reported to UKOSS as delivery suite consultant.

### *Please outline the difficulties that Leicester General experienced in gathering information for UKOSS reports.*

During my training we had had in-house departmental IT support. Part of their role was to ensure documentation on labour ward was completed electronically. We used the Euroking system for obstetrics and doctors were chased daily regarding incomplete reports; this ensured the accuracy of the dataset. The IT team could also pull the data for UKOSS. Changes to the Trust's IT contract led to outsourcing of services to an outside contractor.

### *How did you overcome these difficulties?*

We ensured good communication with all medical and midwifery teams to highlight the UKOSS reports and their relevance. Posters were put up on labour ward and the clinic and scan areas. A list of reporters was drawn up including midwives and doctors. The in-house IT team has also been re-instated which is a massive help.

### *Now that it is up and running again, how do you manage/co-ordinate the UKOSS reporting in your hospital?*

Monthly reminders regarding UKOSS and the current projects are sent by the IT team to all clinicians and midwives.

### *Have you found that there are additional benefits to reporting for UKOSS?*

It is informative and keeps you up to date with topical issues in Obstetrics and Gynaecology.

### *Would you recommend becoming a UKOSS reporter to others and why?*

Certainly. UKOSS is an important audit of practice in the UK that can inform the care provided to patients by highlighting areas for improvement.



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Studies are additionally funded by Wellbeing of Women, National Institute for Academic Anaesthesia - OAA Grant, North Bristol Hospitals NHS Trust, Betsi Cadwaladr University Health Board (BCU HB) and NIHR HTA.

