



Perinatal News

2018/19

Perinatal Institute wins prestigious Princess Royal Training Award



PRINCESS ROYAL
TRAINING AWARD
2018

A Princess Royal Training Award is granted to organisations that have demonstrated an exceptional commitment to investing in people through training. We are pleased to have received this award as a recognition of our work, following on from our Queen's Award in 2016.

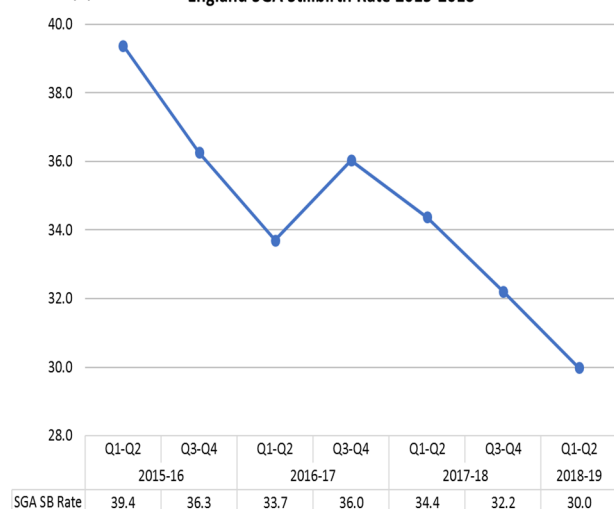
A key motivator has been the awareness that many adverse pregnancy outcomes are potentially avoidable. Our GAP programme with its hands-on workshops and e-learning modules, the free audit tools, the national maternity notes and other initiatives all succeed through our continued emphasis on robust training of in-house and frontline staff.

Latest ONS figures show further drop in stillbirth rates to lowest ever level

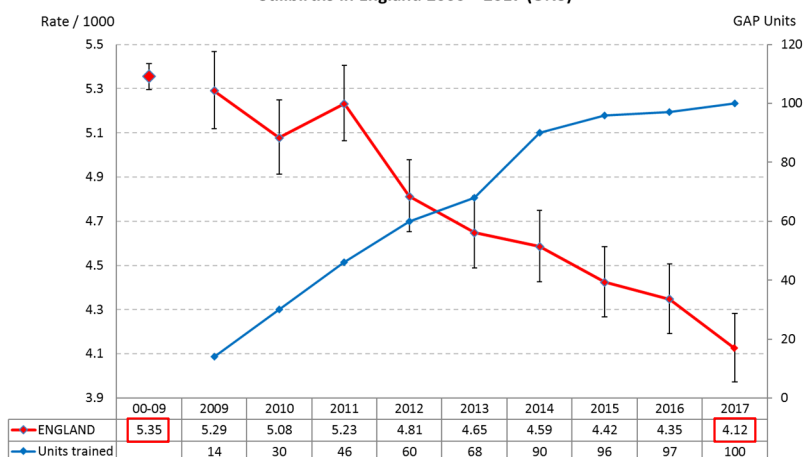
- The latest (2017) ONS figures (released July 2018) show a further reduction in UK stillbirth rates. The sharpest drop was in England, to **4.12** per thousand.
- This represents a **23%** reduction compared to the previous 10 year average (5.35 per thousand) and is equivalent to **860** fewer stillbirths each year.
- The reduction has fulfilled the Secretary of State's original target* - 20% reduction by 2020 - 3 years early!

* See <https://bit.ly/1WVI8AQ>

SGA Rate (%) England SGA Stillbirth Rate 2015-2018



Stillbirths in England 2000 – 2017 (ONS)



Reduction in SGA stillbirths due to better detection of SGA

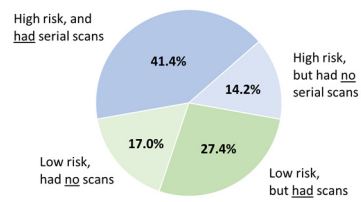
- The proportion of stillbirths in England that are SGA has reduced from 39.4 to 30.0% - a statistically significant trend and attributed to GAP.
- The independent 'SPIRE report' for NHS England also noted the downward trend and confirmed that this was the likely cause of the recently observed reduction in stillbirths. See <https://bit.ly/2NMxOqT>
- The New Zealand Perinatal & Maternal Mortality Review Committee (PMMRC) recently reported similar reductions in SGA perinatal deaths. See report at <https://bit.ly/2zDdxqn>

GAP programme - update on progress

- 81% of UK units have already implemented GAP
- >600,000 GROW charts are being produced per year
- >1 million birthweight centiles have been generated
- E-learning: over 40,000 staff now registered users
- Continuing roll-out of electronic version (GAP Plus)

GAP SCORE missed case audit

- Over half of GAP units are now auditing missed cases regularly
- Main reasons for missing SGA:
 - no serial scans despite risk factors
 - failure to follow GAP protocol





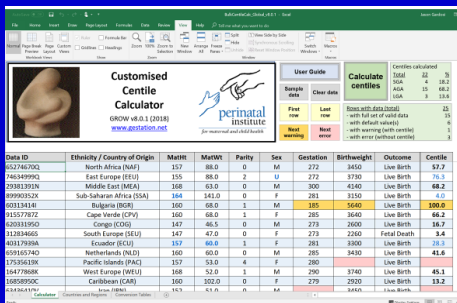
The 2018 International Conference on Fetal Growth was held in Milan and attracted a record number of registrations and quality abstracts on a variety of clinical and research aspects of fetal growth.

The abstract book is available on www.fetalgrowth.org
Preparations have started for 2019 - announcement to follow soon!

Fetal Growth 2019: 9-11 October, BERLIN →

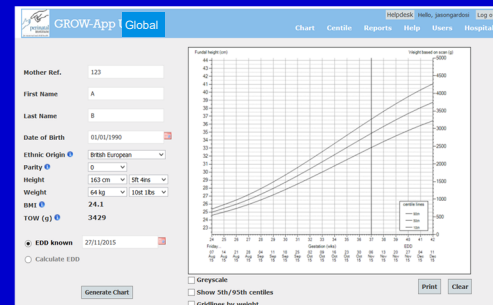


Fetal Growth



GROW App goes global !

← The Global Bulk Centile calculator has been released in 2018 and is already used by researchers in 28 countries. The Global GROW charts will be available in 2019. → Both applications have over 100 ethnic and country-of-origin groups to allow more precise assessment of fetal growth and birthweight.



GAP programme in New Zealand receives national funding

After successful pilots of GROW charts adapted to the New Zealand population, and support by the Royal Australian and New Zealand College of Obstetricians & Gynaecologists and the New Zealand College of Midwives, the NZ Ministry of Health recommended national roll-out of GAP. The initial three year programme is being commissioned through the Accident Compensation Corporation (ACC) and will include roll-out to all District Health Boards. The project will be led by GAP lead Joyce Cowan and be expedited through temporary secondments of designated clinical midwives to assist implementation, as a NZ version of the 2016 Saving Babies in North England (SaBiNE) project.



And at the other end of the growth spectrum:
BIG BABY Trial well underway!



The Big Baby Trial is an NIHR funded RCT to investigate the management of pregnancies suspected to have a large for gestational age fetus (>90th customised centile). It is being run by the Perinatal Institute in conjunction with Warwick University & Clinical Trials Unit and the Coventry and Warwickshire Hospital NHS Trust. Recruitment has started over summer 2018 and is progressing well; the majority of eligible mothers agree to be randomised to early delivery or conventional care.

Most maternity units across the UK have already expressed interest to participate, but there is still room for additional centres; if your unit wishes to take part in this important trial, please contact bigbaby@perinatal.org.uk

MiApp milestones: call for expressions of interest to be a pilot site

MiApp is an innovative paperless solution comprising an **Electronic Maternity System** and a **Personal Health Record** which allows mothers to be participants in their care and its planning. Key features: Mother has full access to own record; self referral facility; fully interoperable with relevant systems; effective offline working; supports payment pathway and new national maternity dataset; provides latest evidence and guidance in appropriate format for mothers. To express an interest to be a pilot site, please contact: miapp@perinatal.org.uk



Recent publications
about GROW, GAP, standards and protocols
available on www.perinatal.org.uk/GAP

- Gardosi J et al. Customized growth charts: rationale, validation and clinical benefits. *Am J Obstet Gynecol.* 2018 ; 218:S609-S618
- Williams M et al. Current guidelines, practices and challenges. *Ultrasound.* 2018; 26(2):69-79
- Francis A et al. Customized vs INTERGROWTH-21st standards for the assessment of birthweight and stillbirth risk at term. *Am J Obstet Gynecol.* 2018 ; 218:S692-S699.

For further information, please contact:

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Queen's Award 2016



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