

Is your department's bowel as echogenic as mine?

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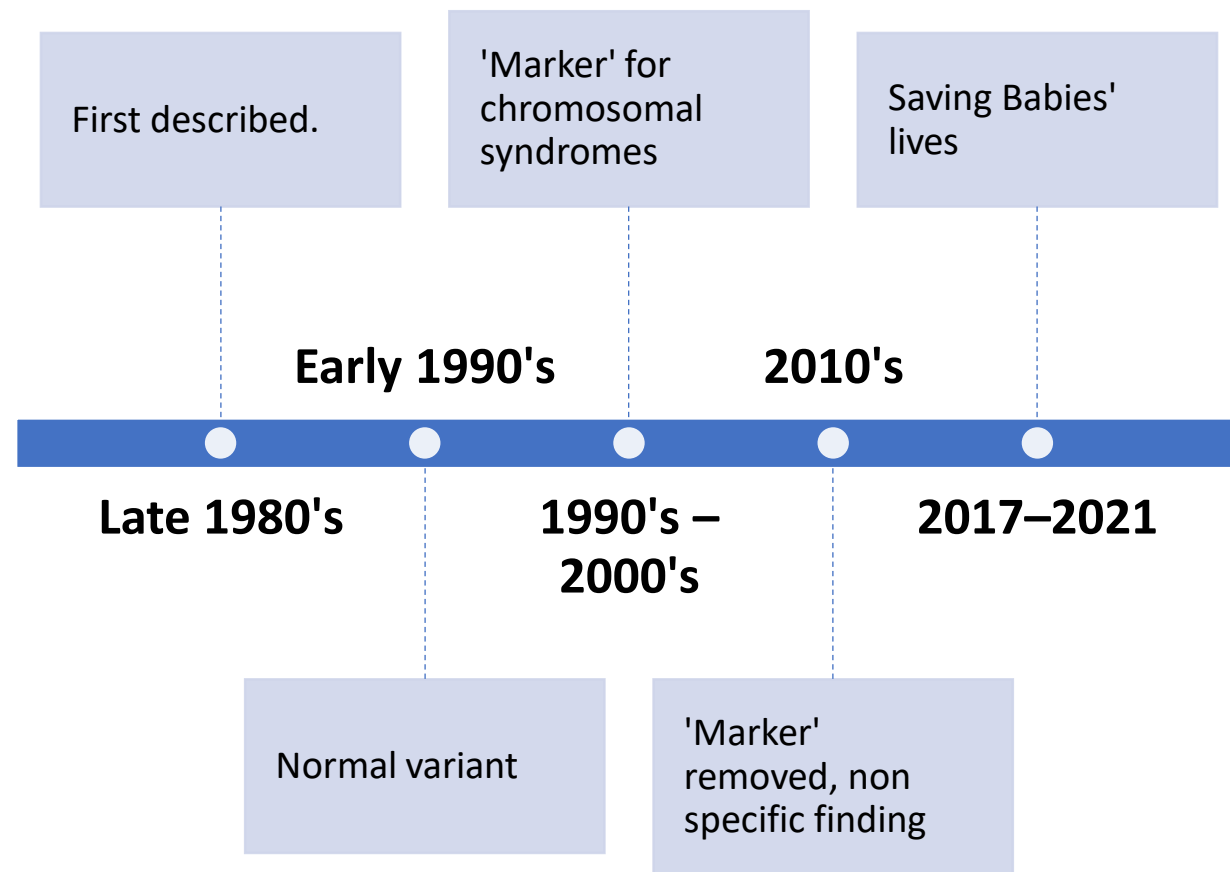
Is your department's bowel as echogenic as mine?

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Fetal Echogenic bowel





Fetal Echogenic Bowel

- Wide variance in prevalence
2-18% of all pregnancies
- Varying opinions on its
significance
- Varying classifications and
reporting of fetal echogenic
bowel.

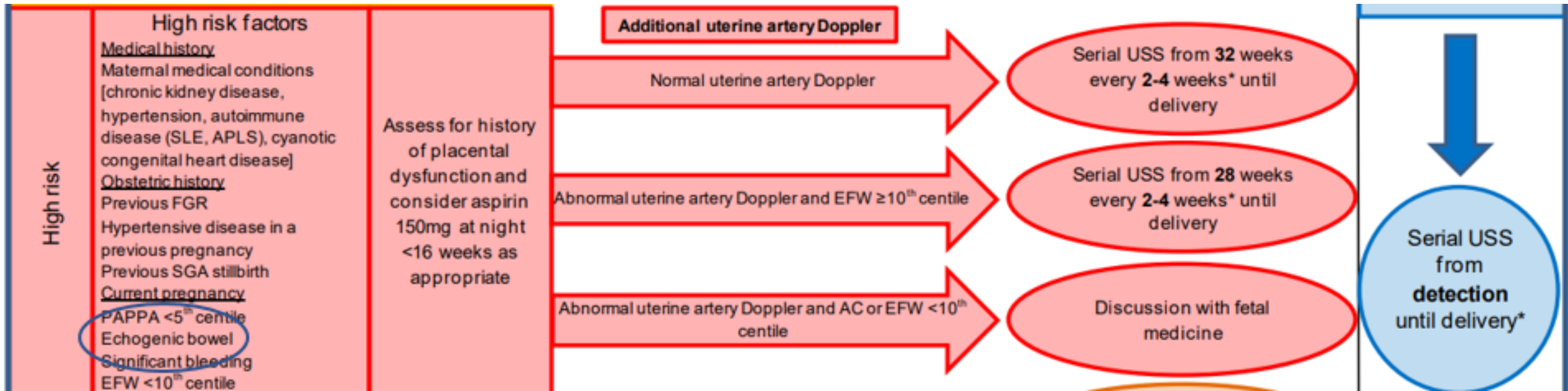
Saving Babies' Lives Version Two

- 50% reduction of
 - stillbirth
 - maternal morbidity
 - neonatal morbidity
 - serious brain injury
- reduction from 8% to 6% of preterm birth rate




Saving Babies' Lives Version Two

A care bundle for reducing perinatal mortality



Fetal Echogenic Bowel

- High risk factor
- Potentially serious implications if present and not identified at 20 weeks




Fetal echogenic bowel; developing a national consensus on identification and reporting.

Aim

To develop a National (England) consensus to guide sonographers on the identification, classification and reporting of fetal echogenic bowel during the Fetal Anomaly Screening Programme (FASP) second trimester anomaly scan.

Primary research question

What is the National current practice of sonographers defining echogenic fetal bowel?



**Fetal echogenic
bowel; developing a
national consensus
on identification
and reporting.**

Phase 1

To capture sonographers current practice across England.

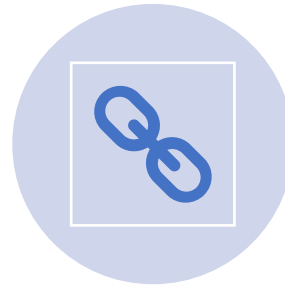
Phase 2

To develop a guidance document to aid sonographers in the identification and reporting of fetal echogenic bowel.

Phase 1



Online questionnaire
survey launched
November 2021



<https://www.surveymonkey.co.uk/r/DZYXLV3>



Preliminary findings up
to 28th November

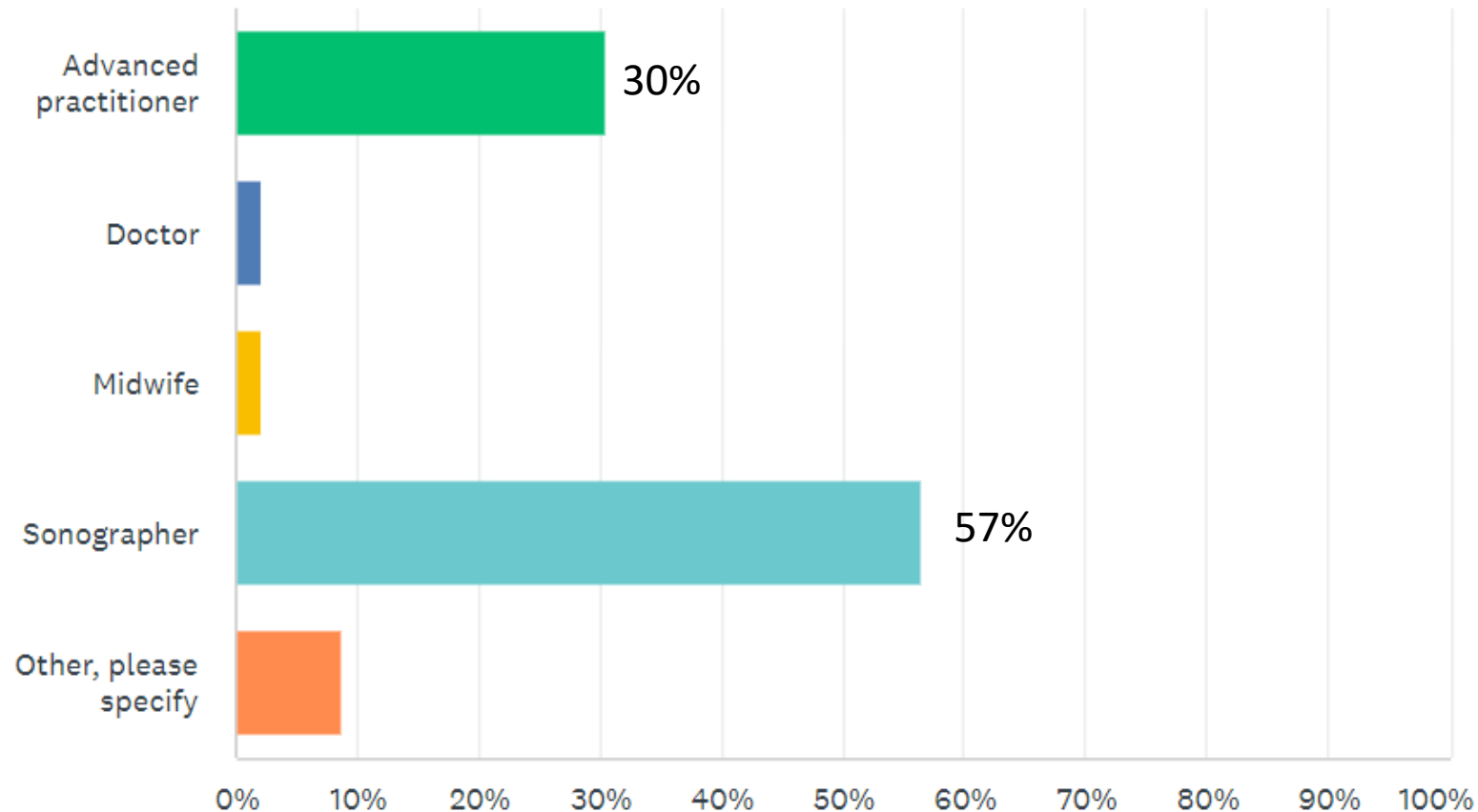


Closes on 23rd December
2021

Preliminary findings

What is your role title?

Answered: 46 Skipped: 0





Preliminary findings

- 100% identified echogenic bowel by eye
- 100% compared the echogenicity to fetal structures
- the actual bone varied and included femur, pelvis, ribs, spine and any bone
- 2% indicated they also used a grading system consisting of mild, moderate, severe echogenicity



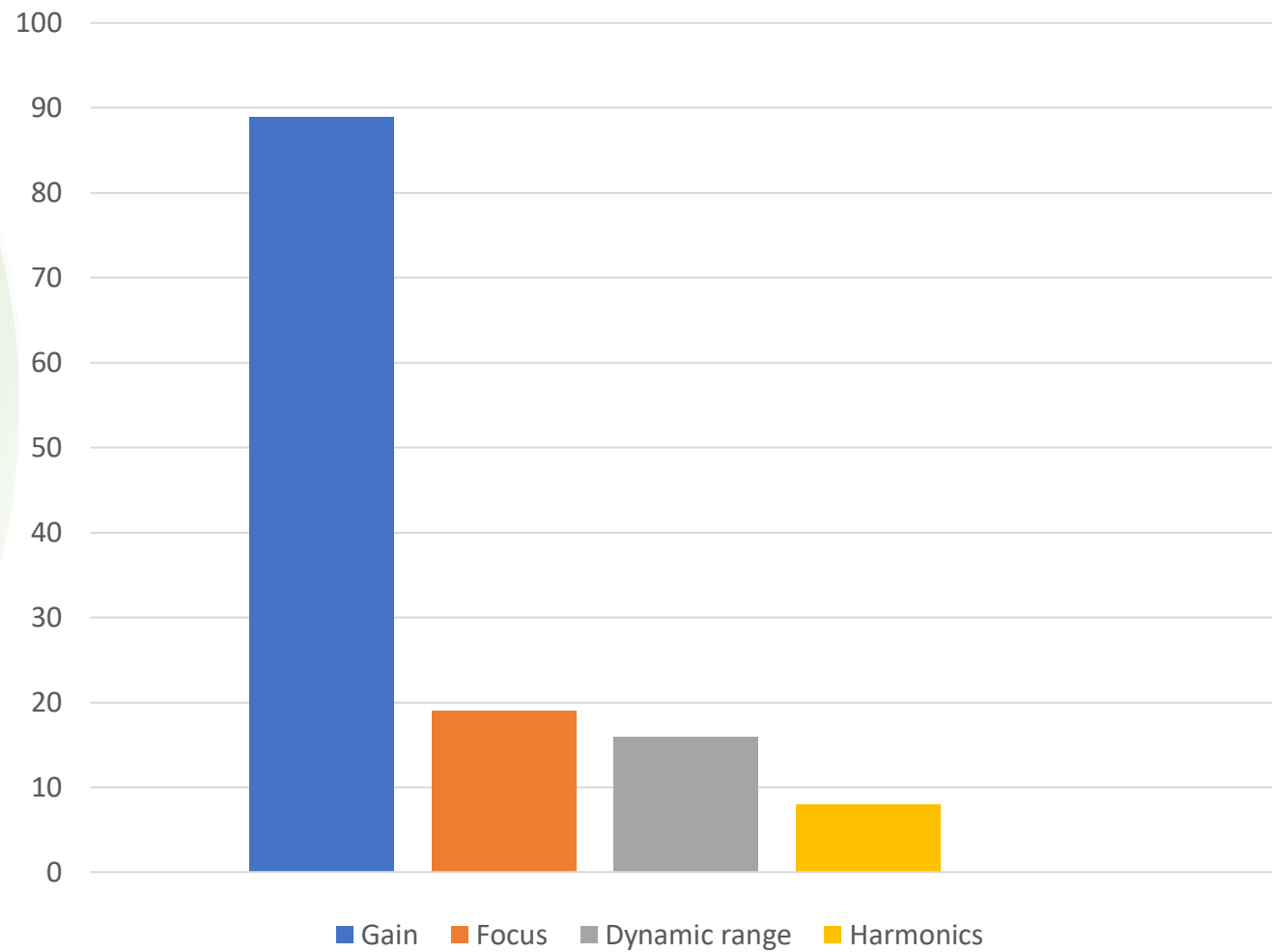
Preliminary findings

Frequency of the transducer typically used

- 13% - over 9MHz
- 54% - 1-9MHz
- 33% gave comments

Preliminary
findings

Manipulation of any equipment settings





Preliminary
findings

Saving Babies' Lives Care Bundle Version 2

- FMU – 57%
- 20 week scan – 32%
- Unsure – 11%



Next steps

**Online survey is still
open**

<https://www.surveymonkey.co.uk/r/DZYXLV3>

**National review of
images**

Establishing is it or isn't
it - online live poll

Yes, no,
unsure?



Yes, no,
unsure?



Yes, no,
unsure?



Yes, no,
unsure?





The online survey is still open
<https://www.surveymonkey.co.uk/r/DZYXLV3>

Acknowledgements

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- Dr Trish Chudleigh, Rosie Hospital for the original invitation, images and her support in developing and launching the study.
- Emma Tucker, BMUS for compiling the online survey and online poll
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- Sonia Cumming, Rosie Hospital for highlighting the issue through local survey