

Acupuncture Pre-birth treatment

An audit of its use in Midwifery practice

A model of integration between CAM and mainstream midwifery care

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Midwives in New Zealand

- Midwives in the CCH region have been using acupuncture since 1997
 - Acupuncture taught in workshops over a 10 month period
 - Total of 24 Midwives have undertaken specialized acupuncture training.
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- A photograph of a midwife in a blue sweater holding a patient's hand. The midwife is smiling and looking down at the hand. The patient's hand is resting on their arm. The background shows a clinical setting with fluorescent lights on the ceiling.

The use of Prebirth Acupuncture

Prebirth acupuncture a model of successful integration into midwifery practice.

Women receive a 20 minute acupuncture treatment as part of their routine antenatal visits between 37 and 40 weeks gestation.

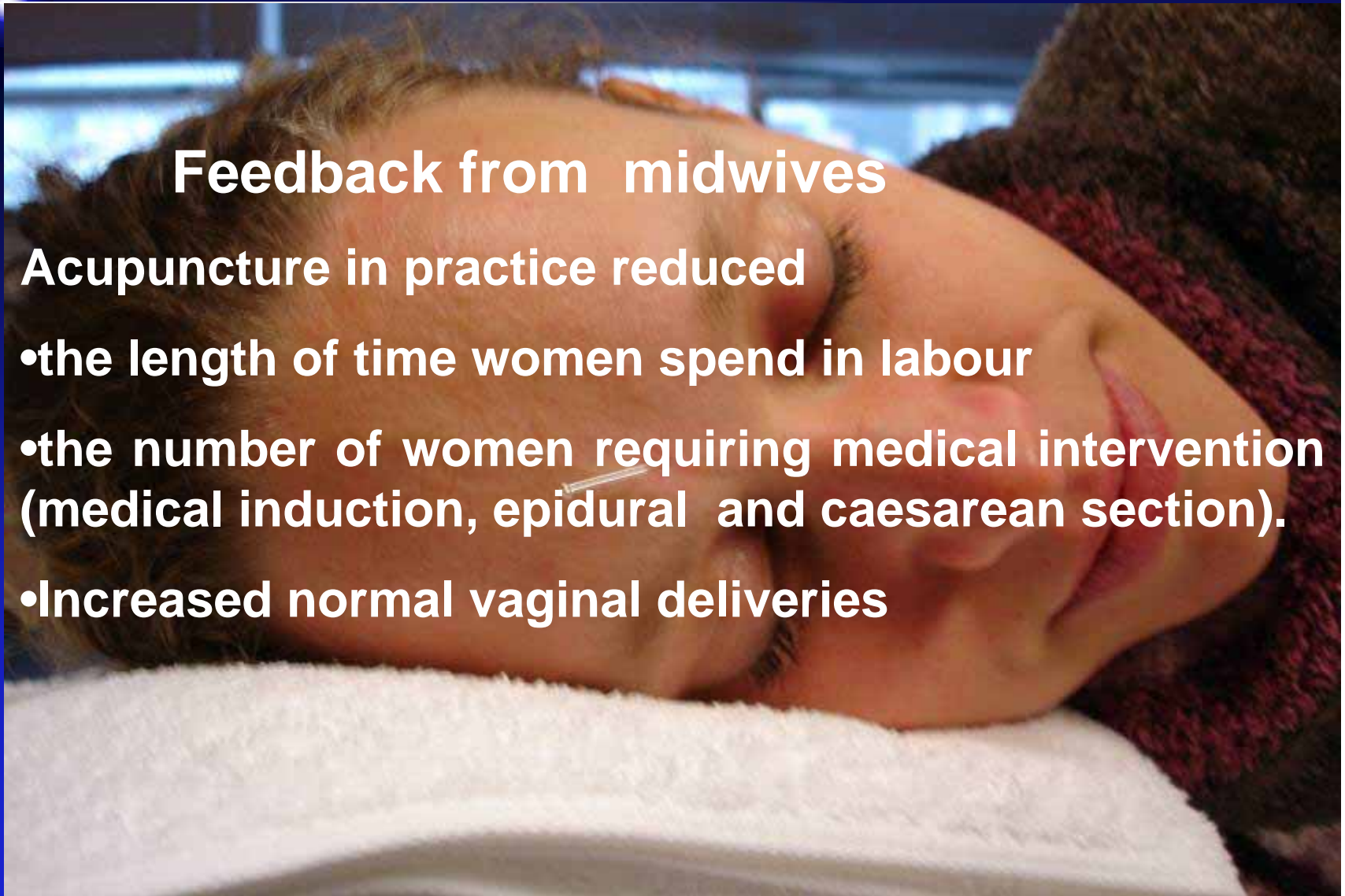


The use of Prebirth Acupuncture

Feedback from midwives

Acupuncture in practice reduced

- the length of time women spend in labour
- the number of women requiring medical intervention (medical induction, epidural and caesarean section).
- Increased normal vaginal deliveries



Acupuncture Audit



Set up to investigate midwifery feedback

*14 Midwives took part

*Audit over 4 months of their practice

*Total of 169 women received pre-birth acupuncture

Women in the Audit

Average Age of Women

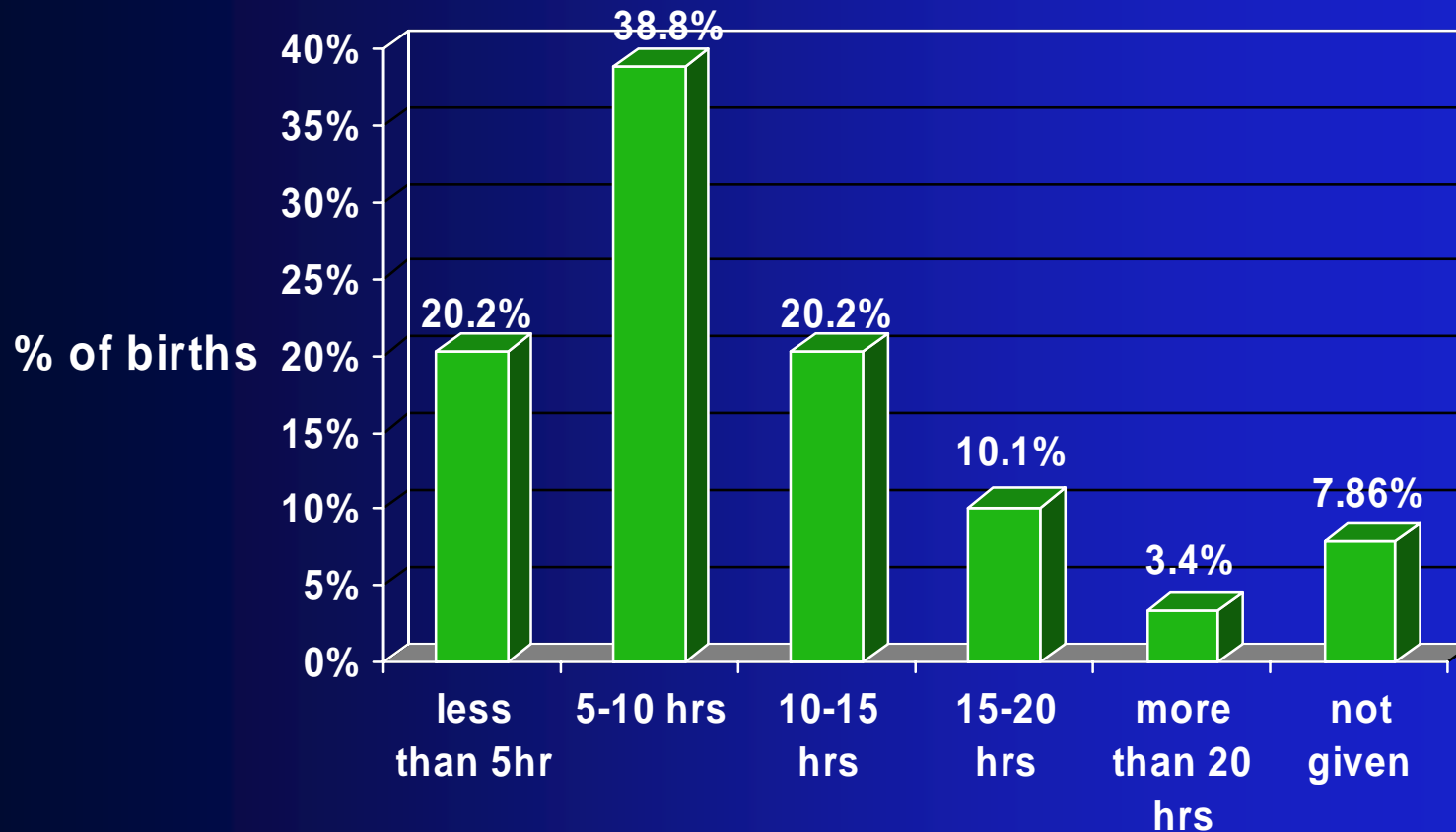
- Audit 30.9
- CCH 31.3

Primiparae

- Audit 52.7%
- CCH 45.0%

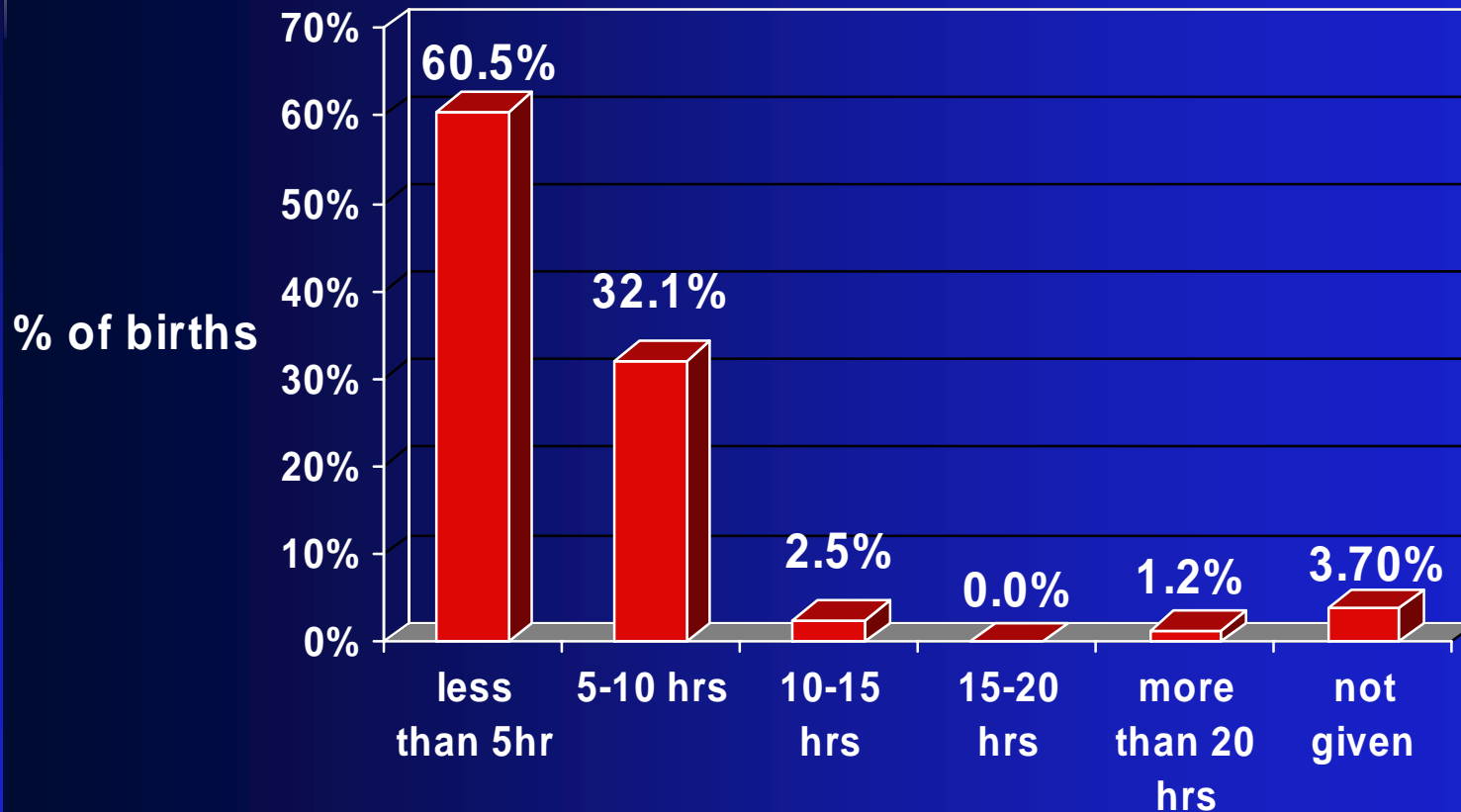
Does pre-birth acupuncture reduce the length of labour?

Labour times of Primiparae receiving acupuncture



Does pre-birth acupuncture reduce the length of labour?

Labour times of Multiparae receiving acupuncture



Duration of labour

Acupuncture Audit

Primigravid

- Mean 9.0 hours
- St Dev 5.0 hours

Multigravid

- Mean 4.7 hours
- St Dev 3.8 hours

Albers*

Primigravid

- Mean 8.6 hours
- St Dev 6.6 hours

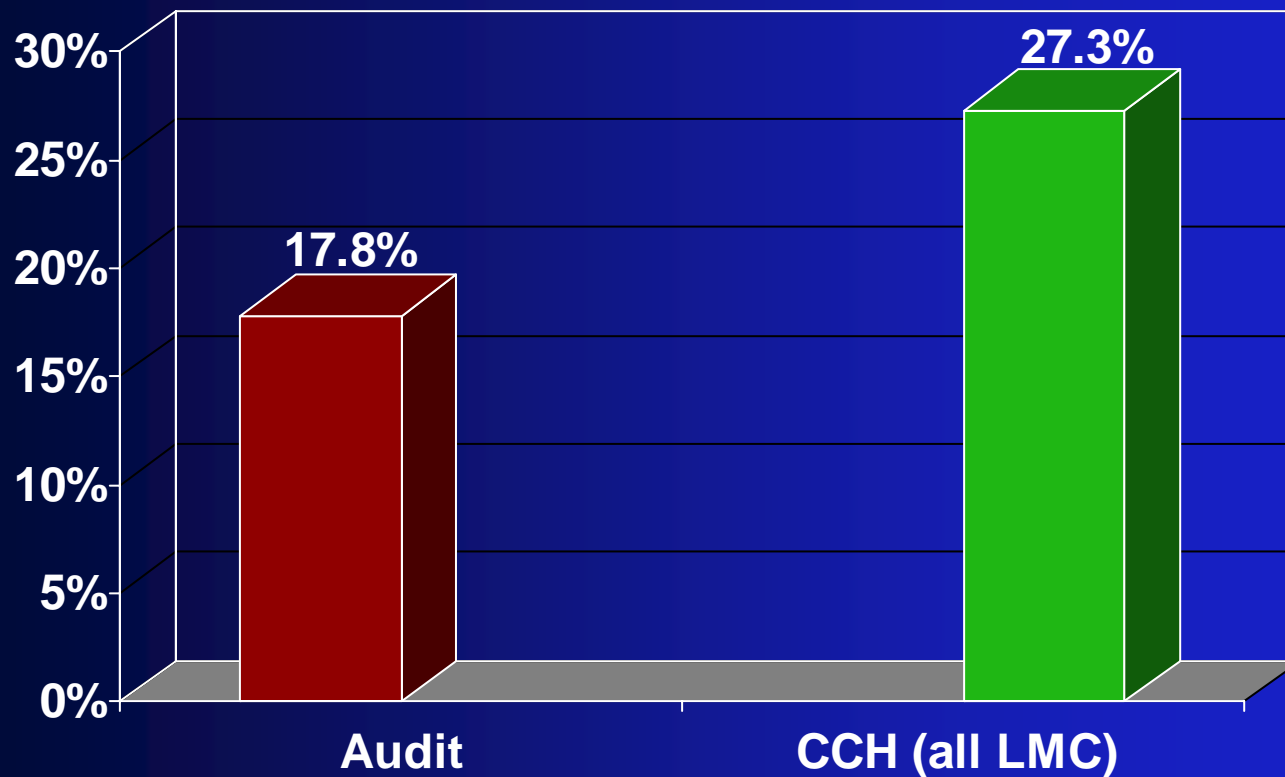
Multigravid

- Mean 6.0 hours
- St Dev 4.3hours

* Albers LL Schiff M Gordwana JG The length of active labour in normal pregnancies. Obstet Gynacol 1996 Aug 88 (2): 319-20

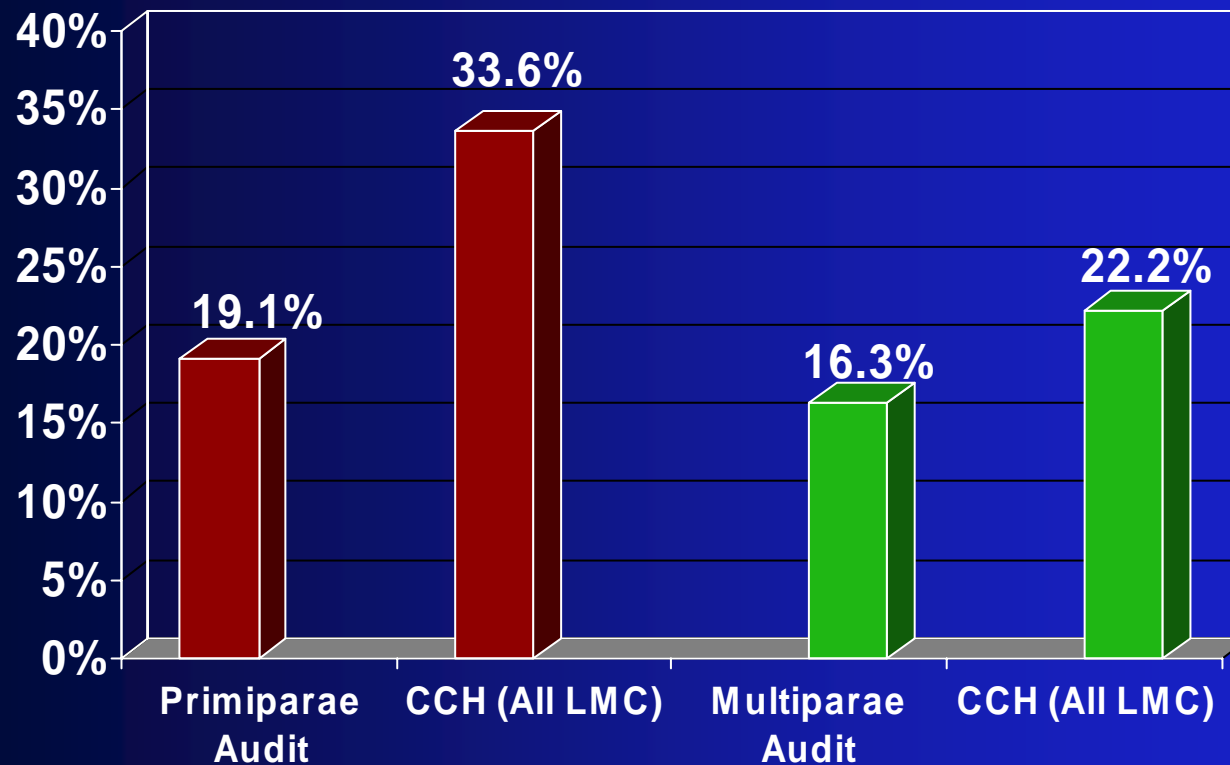
Does pre-birth acupuncture reduce the number of women requiring medical induction?

Induction - Primiparae & Multiparae

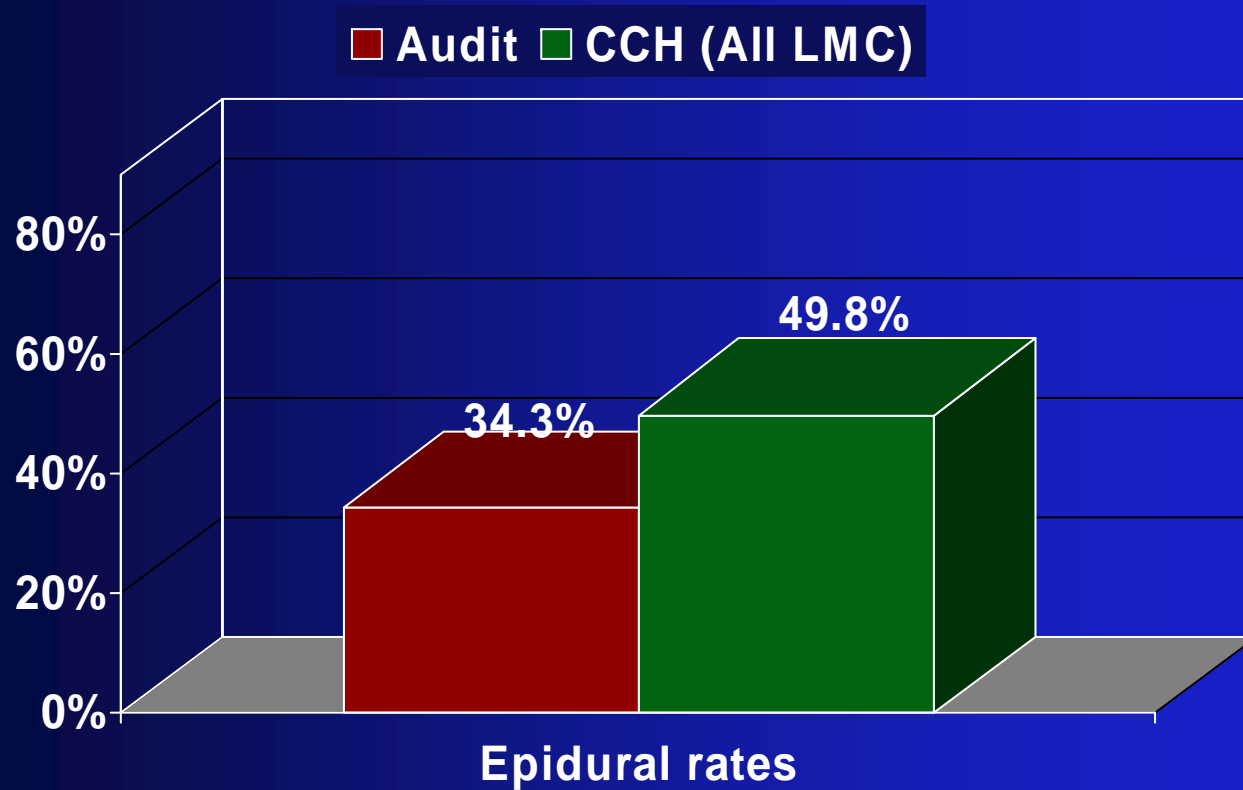


Does pre-birth acupuncture reduce the number of women requiring medical induction?

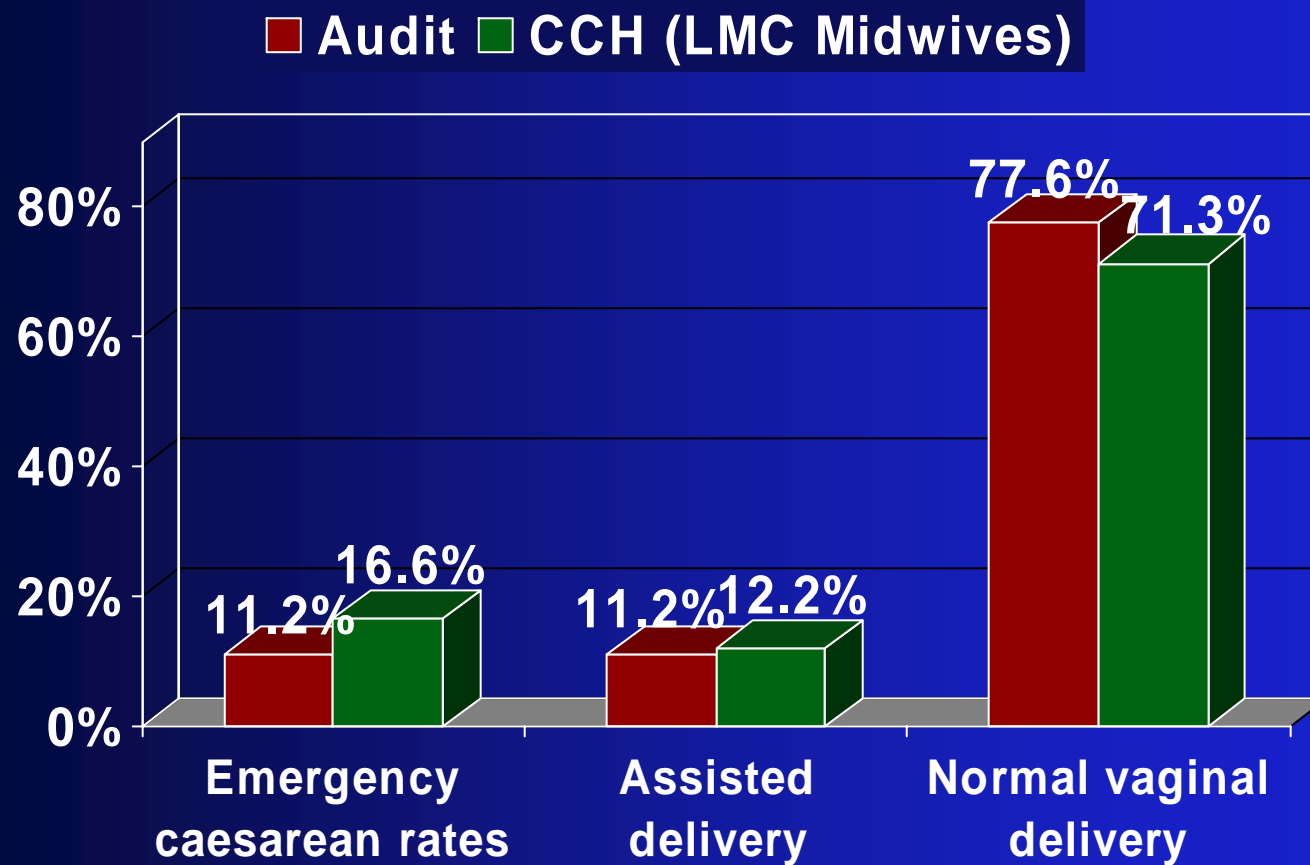
Induction rates by parity



Does acupuncture reduce epidural rates?



Does acupuncture reduce medical intervention?



Conclusion

- Successful integration of acupuncture into midwifery practice
- Promising cost savings using acupuncture
- Controlled trial needed to explore audit findings