

A new course on complex birth – a trainee survey of Art & Craft

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BACKGROUND

- **Assisted vaginal birth** = 1/3 primips¹
 - Rates ↓ worldwide²
 - ↓ clinical experience key factor
- ↑ **Second stage caesarean (CS)**³
- **Malposition**
 - 6x risk second stage CS⁴
 - 4x risk assisted vaginal birth⁴

RCOG

‘rotational births should be performed by experienced operators; the choice of instrument depending on the clinical circumstances and expertise of the individual. The options include Kielland’s rotational forceps, manual rotation followed by direct traction forceps or vacuum, and rotational vacuum extraction’⁵

OBJECTIVES

To assess whether ‘Art & Craft’ – a new, practical course on **Advanced Rotational Techniques and safe Caesarean biRth at Advanced/Full dilation Training** - improved confidence/skills in rotational vaginal birth, complex CS, and intrapartum ultrasound (USS) for fetal position over two practical and theoretical courses

METHODS

Attendees rated confidence using a 1-5 Likert scale: 1 = not confident at all → 5 = very confident (Table 1, first column) in pre- and post- course online questionnaires, followed by post- course interviews

TABLE 1

Skill	Pre-course score	Post course score
Vaginal examination	3.7	4.6
USS fetal position	3.4	4.5
Rotational ventouse	2.9	4.3
Manual rotation	3	4.6
Kielland's forceps	1.5	3.6
Disimpaction	3.6	4.3

***'I think it's a really, really good course. I think it's really beneficial for us to be able to attend these sorts of things and hopefully improve our skills to provide a better standard of care to patients.'** - Participant 5*

RESULTS

- 32 attendees
- 30 questionnaires completed
- **Mean confidence levels ↑ across all skills (Table 1)**

CONCLUSION

- A practical course on rotational vaginal and complex CS birth **increases trainee confidence levels**
- **Next steps:** audit clinical outcomes to assess impact of future courses

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