

Audit about External Cephalic Version ECV outcomes

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Background

- Generally, the success rates for ECV are approximately 40% in nulliparous women and 60% in multipara. ECV should be offered from 36 weeks in nulliparous women and 37 weeks in multiparous women.
- All eligible women with uncomplicated breech presentation should be offered ECV with appropriate counselling and written information about the procedure.
- Women should be counseled that ECV has a very low complication rate. Women should be alerted to the potential complications of ECV such as placental abruption, uterine rupture, and feto-maternal hemorrhage.
- ECV is also associated with alterations in fetal parameters. These include fetal bradycardia and non-reactive CTG that are almost invariably transient.

Objectives

Our objectives in this review are:

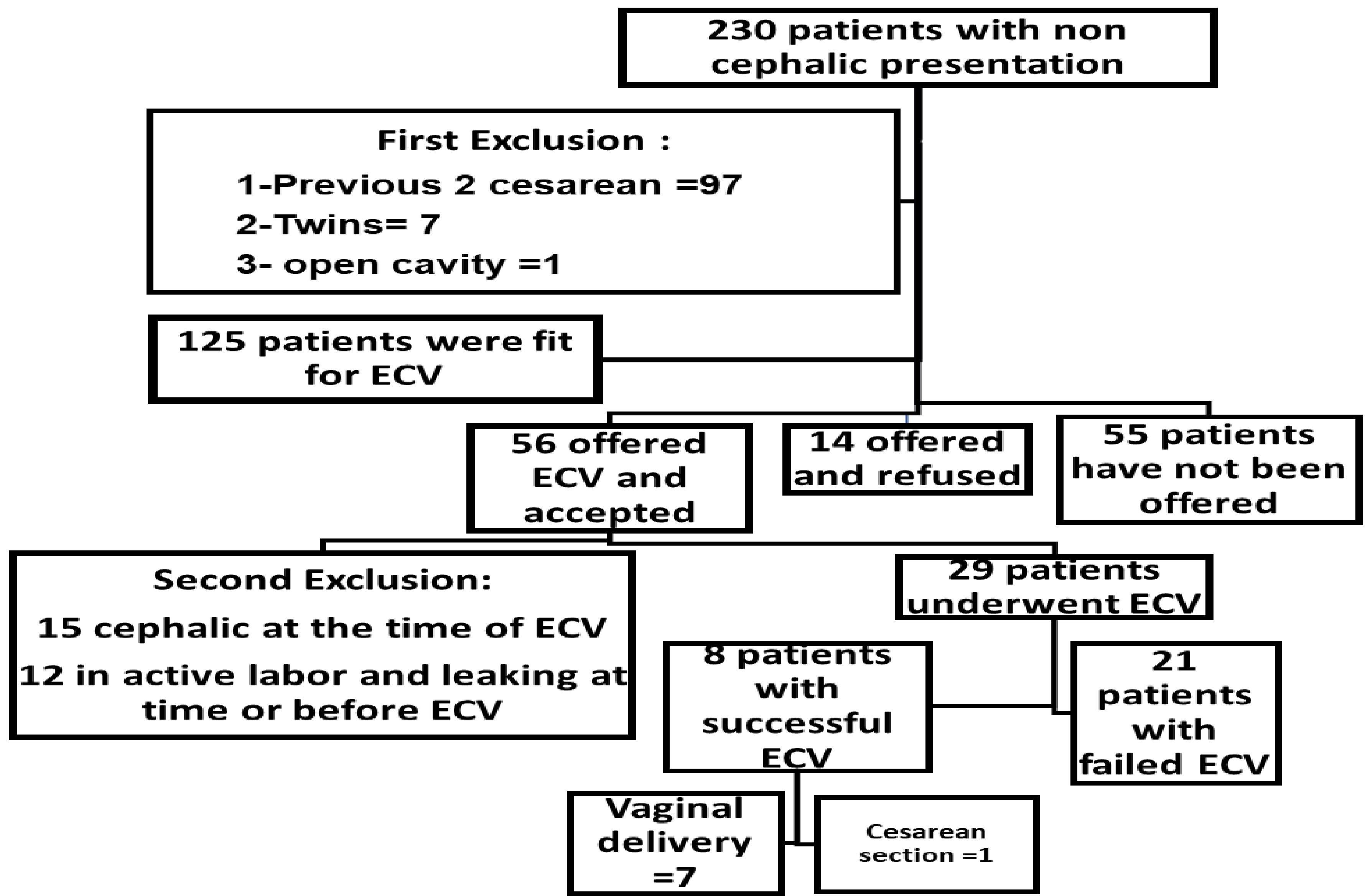
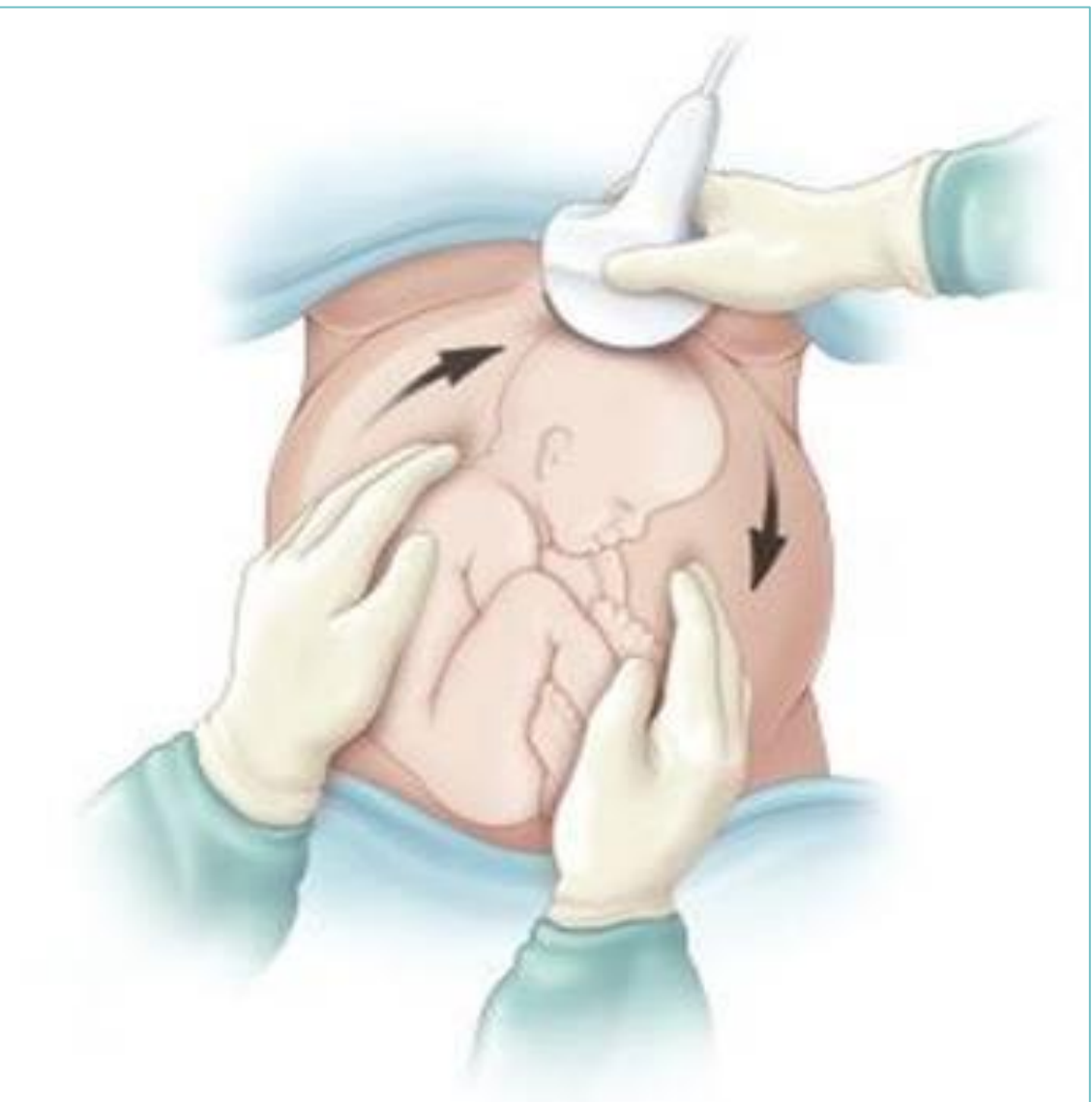
- To check the percentage of women with breech presentation offered ECV.
- To look over the success rate of ECV.
- To examine if a plan of delivery is recorded after successful ECV.
- To check for any complications of ECV and look at the method of delivery after successful ECV.

Method

- We conducted a retrospective audit of pregnant women who had breech presentation and were suitable to undergo ECV at Al Wakra Hospital within one year period.

Result

- The total number was 230 patients with breech presentation .
- We excluded all women who had a previous two cesarean section (N=97),Twins (N= 7) ,in addition to one pregnant who had open cavity .
- We found that 125 patients were fit for ECV, 56 of them received ECV and were accepted, but 14 offered and declined ,and 55 patients did not offer.
- Out of 56 offered ECV, we found 8 patients had successful ECV without any complications , 21 patients had failed ECV, and 27 patients were excluded due of active labor or leaking or change to cephalic at the time of ECV.



Conclusions

- The results of this review indicated several areas upon which quality improvement activities could be focused. One of the most interventions to emphasize our physicians is to follow the local and international guidelines in offering ECV for patients who are suitable and have no contraindication.
- A re-audit will be done in the upcoming 6 months period in order to achieve 100% compliance to local and international guideline

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