Vaginal Delivery Safety Checklist.

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Vaginal Delivery Safety Checklist

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Background & Significance

One of the most identified root causes of perinatal injury and death is lack of communication amongst the health care team - True, B. A. et al (2016)

There are current checklists available for cesarean deliveries, but not for vaginal deliveries.

The checklist facilitates communication among team members during labor to identify woman at risk for shoulder dystocia (SD), postpartum hemorrhage (PPH), infants at risk for requiring neonatal resuscitation (NRP) at birth, or cord prolapse - True, B. A. et al (2016)

The goal of utilizing the Vaginal Delivery Safety Checklist on the L&D unit is to help facilitate effective communication in order to prepare for SD, PPH, NRP, or a cord prolapse.

Evidence

In an evaluation health care teams rated effectiveness, ease of use, and convenience of the checklist on a 7 point scale - True, B. A. et al (2016)

- Effectiveness: 4.5
- Ease of use: 6.0
- Convenience: 4.9

“When the checklist was used, team members believed that details for care were noticed that ordinarily would have been missed” - True, B. A. et al (2016)


Researchers demonstrated that communication error, inadequate assessments are some of the top root causes for perinatal and maternal death and injury - The Joint Commission (2015)

Collaboration is strongly related to positive outcomes - Raab, C. A. et al (2012)

PICO

PICO Question – Will the use of the collaborative safety checklist for vaginal deliveries help Medical Care Providers, L&D, and NICU nurses be more prepared for complications at the time of delivery?

P - Medical Care Providers, L&D, and NICU nurses
I - Education VS no education
C - No checklist VS use of the checklist
O - Staff’s response to the Vaginal Delivery Safety checklist via survey.

Implementation

- Education on the Vaginal Delivery Safety Checklist via TLC.
- A survey given to the nursing staff before implementation of the checklist.
- A post survey after implementation of the Vaginal Delivery Safety Checklist to be given to the nursing staff in the future.
- Implementation of the Vaginal Delivery Safety Checklist was trialed in a simulation and was well received by the nursing staff and physicians.

Next Steps

- Develop a policy and procedure for implementing the Vaginal Delivery Safety Checklist into everyday practice.
- Future implementation of the vaginal delivery safety checklist into EPIC.

REFERENCES


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