The specific objectives of the study were to:

- Investigate the impact of intrapartum interventions on long-term breastfeeding outcomes among women intending to breastfeed
- Assess whether natural birth (without any intrapartum interventions) improves breastfeeding outcomes

### Results

#### Duration of Breastfeeding

- Median duration of any breastfeeding is 8 weeks
- Median duration of exclusive breastfeeding is 2 weeks

#### Characteristics of the Participants

- Cesarean section rate was 20%
- 34% of mothers experienced a natural birth

#### The Impact of Interventions on Breastfeeding

- Bivariate and Multiple Cox regression for individual intrapartum intervention (Table 2 & 3)
- Kaplan-Meier survival curvatures and log-rank test

- **Exclusive breastfeeding**: 1.03 (95% CI: 0.97-1.10)

- **Any breastfeeding**: 1.15 (95% CI: 1.08-1.22)

- **Exclusive breastfeeding**: 1.13 (95% CI: 1.06-1.20)

- **Multiple Cox regression for cumulative impact**
  - Any breastfeeding: 1.07 (95% CI: 1.01-1.14)
  - Exclusive breastfeeding: 1.03 (95% CI: 0.97-1.10)

### Discussion and Conclusion

- **Individual intrapartum interventions do not appear to shorten breastfeeding duration**

- **Mothers experiencing multiple intrapartum interventions have significantly reduced breastfeeding duration**

- **Clinical Implications**
  - In the immediate postpartum period, it is important to indentify these women so that they can receive early and additional breastfeeding support to improve their breastfeeding outcomes

- **Research Implications**
  - Future research should focus on mothers who experience multiple interventions so these relationships can be further understood

### References


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