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Assessment of mobile device based educational intervention on breastfeeding technique in multigravida mothers and its effect on early infant feeding pattern- A randomized controlled trial.

Keerthi Raj

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DISSERTATION PROTOCOL

TITLE: Assessment of mobile device based educational intervention on breastfeeding technique in multigravida mothers and its effect on early infant feeding pattern- A randomized controlled trial.

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ABSTRACT: Breastfeeding of infant plays an important role in infant's growth and development. As exclusive breastfeeding rates are low in our country, interventions to initiate and promote breastfeeding through antenatal counseling is necessary to achieve higher exclusive breastfeeding rates. Hence In this study we aim to implement self-reinforcement amongst multigravida mothers through a video based breastfeeding technique module transferred to their mobile device for health education and assess the effect of such intervention on early infant feeding pattern in comparison to their previous pregnancies.

PATIENTS AND METHODS: Dyads of 144 multigravida mothers(72 control group and 72 intervention group) paired with their singleton term neonates will be studied between September 2020 to September 2022. Study tools include a self administered questionnaire to assess the feeding practices, Bristol Breastfeeding Assessment Tool, Breastfeeding self efficacy scale short form for postnatal mothers and anthropometry of the infants at 48 hours after birth. This will be followed by telephonic follow up at 2, 4, and 6 months to assess the infant feeding practices.

Results: awaited

Conclusion: awaited

Keywords: exclusive breastfeeding, breastfeeding adequacy assessment, breastfeeding Self efficacy, mobile based video education, breast feeding education