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P14 - EFFECTIVENESS OF EHEALTH EARLY INTERVENTION PROGRAMS IN SUPPORTING PREMATURE INFANTS AND THEIR PARENTS FROM NEONATAL INTENSIVE CARE UNITS TO HOME: A SYSTEMATIC REVIEW PROTOCOL

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INTRODUCTION: The literature has shown the progress of eHealth early intervention programs to support premature infants and their parents after discharge from Neonatal Intensive Care Units (NICUs). Parents have reported benefits such as enhanced user-friendliness, increased confidence in infant care, satisfaction, and knowledge acquisition. However, the effectiveness of these programs on parental and infant outcomes remains unclear. (Griffith et al, 2022; Puthussery et al, 2018; Strand et al, 2022). **OBJECTIVE:** This review aims to assess the effectiveness of eHealth early intervention programs in supporting premature infants and their parents from NICUs to home and their impact on parental and infant outcomes. **METHODS:** This review will be conducted in accordance with the JBI methodology. The search strategy will aim to locate both published and unpublished quantitative studies in English, Spanish and Portuguese, with no geographical or cultural limitations. Study selection, critical appraisal and data extraction will be performed independently by two reviewers. A narrative synthesis will accompany the results and, if possible, a meta-analysis will be performed and a GRADE Summary of Findings presented. **RESULTS:** This review will consider studies that evaluate any early intervention program using eHealth aimed to support premature parents, mothers or fathers of preterm infants, transitioning from NICU to home. These programs may be initiated during hospitalization in a NICU or immediately in the first month after discharge. The programs will include interventions using eHealth components (e.g. teleconsultation), isolated or in combination with face-to-face interventions (e.g. home visits). This review will consider parental outcomes (stress, anxiety, competence and satisfaction) and infant outcomes (health service utilization and development). **CONCLUSIONS:** A review of the evidence for the effectiveness of eHealth EIP may be key to inform health service policies and delivery in the area of premature neonatal and infant care.





KEYWORDS: eHealth; prematurity; nursing

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