

CHRD 2024: Abstract Submission Form

Presenter Name

Simran Saggi

Presenter Status

Undergraduate Students

Role in the project

Design
Perform Experiments
Analyze Data
Write Abstract

Research Category

Clinical

Title

A Pilot Study Describing Factors Impacting Screen Time Recommendations in Families New to Canada

Background

Screen time among children aged 0-6 is rising, with excessive use having known developmental consequences. Although countries like Canada have issued screen time guidelines in response, these guidelines and the literature from which they are derived largely focus on white, middle-class American children and their families. This leaves the experiences of diverse groups, such as newcomer families, understudied.

Objective

The objective of this two-phase study is to identify factors influencing screen time use among children of newcomer families (immigrants and refugees) in Manitoba and to describe these families' awareness of current Canadian Pediatric Society (CPS) screen time guidelines.

Methods

In Phase 1, the work described here, a literature search was conducted to identify a screen time questionnaire capable of addressing the study objective. The search was performed on PubMed in June 2024 for studies describing a screen time questionnaire, published in English, and within the last 20 years.

Results

Ten screen time questionnaires were identified and compared based on their target population, length, format, type of questions, scoring methods, devices addressed, references to screen time guidelines, validity, available languages, country of origin, and associated costs. Following this comparison, the Digital Screen Exposure Questionnaire (DSEQ) was selected as the most suitable tool. The DSEQ has been validated for our study's target population, addresses devices described in the CPS screen time definition, and explores newcomer families' perceptions of screen time, barriers to limiting use, and information on the benefits and challenges of screen time.

Conclusion

Phase 1 of the study rigorously identified the DSEQ as the most suitable tool to identify factors influencing screen time use among newcomer children in Manitoba and to describe their families' awareness of current CPS screen time guidelines. In Phase 2, the questionnaire will be implemented during structured interviews with newcomer families.

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No

Authors

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