

CHRD 2024: Abstract Submission Form

Presenter Name

Megan Bale-Nick

Presenter Status

Non-Trainee

Role in the project

Design

Perform Experiments

Write Abstract

Coordinate ethics, implementations, dissemination

Research Category

Community Health / Policy

Title

Translating Emergency Knowledge for Kids (TREKK): Co-development of Anxiety and Eating Disorders resources in response to healthcare providers information needs during the COVID-19 pandemic.

Background

The COVID-19 pandemic changed the presentation patterns of child health emergency department visits, prompting Translating Emergency Knowledge for Kids (TREKK; trekk.ca), a national not-for-profit network dedicated to improving emergency care for children, to co-developed new resources to address these emerging challenges.

Objective

TREKK synthesized current pediatric COVID-19 knowledge, co-developed practical resources, evaluated their usability, and mobilized them to healthcare providers (HCPs) in emergency departments across Canada.

Methods

We reviewed emerging evidence and engaged HCPs, youth, and parents to identify the need for two new mental health resources on Anxiety and Eating Disorders. The literature was reviewed and synthesized to co-develop these resources. Usability was assessed through surveys distributed to emergency HCPs via TREKK and national professional networks from January to February 2024. Surveys included nine Likert scale questions (1 = strongly disagree to 10 = strongly agree) and responses were analyzed.

Results

We co-developed two-page evidence-based summaries for Anxiety and Eating Disorders with emergency HCP. The summaries underwent national peer review, received feedback from parents and youth, and disseminated widely. Usability surveys were completed by 47 HCPs, including general emergency department physicians, pediatric emergency physicians, nurses, and nurse educators. The mean Likert scale rating for the usefulness of the clinical information provided by the anxiety and eating disorder resources were 8.62 (SD =1.34) and 9.14 (SD=1.14), respectively. The perceived utility of these resources in clinical practice was rated at 7.53 (SD=2.92) for the anxiety resource and 8.58 (SD=2.19) for the eating disorders resource.

Conclusion

New resources were developed to better equip emergency HCPs with the necessary knowledge they need, in their desired formats, to effectively care for acutely ill children during the COVID-19 pandemic and future health emergencies. TREKK will continue to monitor and update resources to ensure they meet the evolving needs of emergency HCPs across Canada.

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No

Authors

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