

Experiences of care for adolescents with mental health difficulties in the acute paediatric care setting: A mixed methods systematic review

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Citation

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Review question

What are the experiences of care for adolescents with mental health difficulties in the acute paediatric care setting from the perspective of patients, families and healthcare providers?

Searches

Sources to be searched: MEDLINE, PsycINFO, CINAHL and Embase, Web of Science Core Collection.

Restrictions: English language, published from the year 2003-2023

Review date: Starting 9/7/2023

Types of study to be included

Inclusion: Qualitative, Quantitative and Mixed Methods studies.

Exclusion: Reviews of all kinds (reference lists will be hand searched for potential papers), Conference Abstracts, Review Protocols, Non-peer reviewed studies.

Condition or domain being studied

The experiences of care for adolescents with mental health difficulties in the acute paediatric care setting from the perspective of patients, families and healthcare providers.

Participants/population

Inclusion: Adolescents

Exclusion: Adults, Infants, Children

Intervention(s), exposure(s)

Inclusion: Patient, Family or healthcare professional experiences of care for adolescents with mental health difficulties

Exclusion: Experiences of care for cohorts aside from adolescents with mental health difficulties

Comparator(s)/control

Not applicable

Context

Inclusion: Acute paediatric care services including the Emergency Department, High Dependency Unit or Inpatient Ward.

Exclusion: Adult settings or adult only hospital, Specialist mental health setting, Neonatal settings, Non-acute paediatric services, Critical care service or Peri-operative care service.

Main outcome(s)

To synthesise and summarise current evidence that explores the experiences of care for adolescents with mental health difficulties in the acute care setting.

Additional outcome(s)

To identify similarities and differences in experiences across the stakeholder groups.

To provide recommendations for optimal care of adolescents with mental health difficulties in acute paediatric settings.

Data extraction (selection and coding)

The databases will be searched for by our subject librarian (GS) using a number of search strings. All relevant studies will be collated in Covidence (web based literature review production tool) for independent screening. After removal of duplicate citations, two reviewers (LK and EA) will independently screen citations for eligibility. Each reviewer will be blinded to each other's decisions during the initial screening. Any disagreements will be discussed with an independent clinical academic (IC) until consensus is achieved.

All studies, regardless of the results of their methodological quality, will undergo data extraction and synthesis. Data will be extracted from the studies by the first reviewer (LK) in Covidence using a modified version of the JBI Mixed Methods Data Extraction Tool (Lizarondo et al. 2020). Data extraction tables in Covidence will be cross-checked by the second reviewer (EA) for consistency and accuracy. Any disagreements will be discussed with an independent clinical academic (IC) until consensus is achieved. Data will be extracted from the findings section of each article and will include specific details about the populations, study methods, phenomena of interest, context and outcomes of relevance to the review question. Authors of papers will be contacted to request missing or additional data for clarification, where required.

Risk of bias (quality) assessment

All included studies will be critically appraised using the Mixed Methods Appraisal Tool (MMAT) version 2018 (Hong et al., 2018). Appraisal will be based on the methodology of each study, potential for bias, study design, data collection methods, sample size, intervention integrity and analysis. Studies will be given a methodological rating of low (0 to 49%), fair (50 to 74%) and good (75 to 100%) using the MMAT. Studies were not excluded based on their methodological quality.

Strategy for data synthesis

A qualitative convergent integrated synthesis will be used to synthesise the findings from the chosen studies (Stern et al.

2020). Quantitative findings will be transformed into textual descriptions (qualitized data) for the purposes of the synthesis. One reviewer (LK) will allocate descriptive codes to findings from each study and group coded findings into hierarchies of categories and subcategories based on similarities. The categories will be cross compared to develop themes and subthemes that represent the synthesised findings in the context of the review question (Hong et al., 2017; Thomas & Harden, 2008). During the data synthesis process, (LK and IC) will discuss the emerging categories and themes and revisions made as necessary.

Analysis of subgroups or subsets

Not applicable.

Contact details for further information

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Organisational affiliation of the review

Trinity College Dublin

Review team members and their organisational affiliations

Ms Lisa Kirwan. Trinity College Dublin

Ms Efa Apriyanti. Trinity College Dublin

Professor Imelda Coyne. Trinity College Dublin

Mr Greg Sheaf. Trinity College Dublin

Type and method of review

Systematic review

Anticipated or actual start date

09 July 2023

Anticipated completion date

01 July 2024

Funding sources/sponsors

This review is not sponsored and will be self-funded. This review will be completed as part of a PhD scholarship awarded by the School of Nursing and Midwifery, Trinity College Dublin

Conflicts of interest

Language

English

Country

Ireland

Stage of review

Review Ongoing

Subject index terms status

Subject indexing assigned by CRD

Subject index terms

Adolescent; Child; Health Personnel; Humans; Mental Health; Patients

Date of registration in PROSPERO

06 August 2023

Date of first submission

26 July 2023

Stage of review at time of this submission

The review has not started

Stage	Started	Completed
Preliminary searches	No	No
Piloting of the study selection process	No	No
Formal screening of search results against eligibility criteria	No	No
Data extraction	No	No
Risk of bias (quality) assessment	No	No
Data analysis	No	No

The record owner confirms that the information they have supplied for this submission is accurate and complete and they understand that deliberate provision of inaccurate information or omission of data may be construed as scientific misconduct.

The record owner confirms that they will update the status of the review when it is completed and will add publication details in due course.

Versions

06 August 2023

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