



Overview of research

A systematic review of published worldwide evidence relating to the complex needs of adults 18+ within the medium and low secure hospital setting

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The question?

To what extent can we explore the evidence relating to trauma and its correlation to complex needs, within a clinical setting of a medium and low secure hospital setting?

- **TOPICS**

- Trauma
- **Complex needs**
- Mental Health
- Substance Misuse
- Foetal Alcohol Syndrome Disorder (FASD)

- **METHODOLOGIES**

- Mixed method systematic reviews

- **Why?**

'Healthcare decisions for individual patients and for public health policies should be informed by the best available research evidence'

(Gopalakrishnan, S and Ganesh Kumar P, 2013)

Objectives:

To identify and establish the extent of previously conducted research around the correlation of Trauma and other complex needs including FASD, MH and SM within the Medium and low secure hospital setting

- To explore the organisational and contextual factors around the correlation of trauma and other complex needs including FASD, MH and SM within the Medium and low secure hospital setting and how this affects interventions
- To be able to inform the next stage of the PhD study, the qualitative interviews and the development of outcome-based interventions.

Searches
performed

Database	Intervention/Phenomenon of interest	Exclusions Filters	Setting	Study type	Design	Document type	Research Type
MedLine PsycINFO EMBASE CINAHL SCOPUS	Alcohol* OR Consumption OR Consume* Binge Drinking OR Risky Drinking OR Hazardous Drinking OR Intoxication OR Addict* OR Addiction OR AND Drugs: Dope OR Narcotic OR Sedative OR Stimulant OR Cannabis OR Weed OR Heroin OR Cocaine OR Substance misuse OR/AND Mental Health: Anxiety OR Mental OR Schizophrenia OR Psych OR Personality disorder OR Trauma OR AND Fetal Alcohol FASD OR Fetal AND	Pharmacology Bio chemistry Business management Chemical Engineering Computer science Dentistry Economics Engineering	Secure OR Hospital OR Psychiatric OR hospital Forensic OR Criminal* justice*	Adults only 18+	Any	Article OR Review OR Book OR chapter OR Editorial OR Book OR	Mixed methods OR Qualitative OR Quantitative OR {See also design type}

- **P.I.C.O.S**
- PRISMA - Identified papers from database searching, reference scanning and grey literature searches which met the search terms
n= 18761
- **Relevant papers after exclusions and sift applied, n= 6**

Findings:

- **Inconclusive,**
- heterogeneity of the included studies, it was difficult to ascertain a obtain either a qualitative or a quantitative estimate of the overall effect of a particular intervention or variable on a defined outcome
- Limited literature and content that supported the question and connectivity
- Most literature confirmed pre conceived ideas around social construction of themes particularly around stigma, attitude, morality, behaviours and expectations but limited evidence in forensic settings
- **Possible effects,**
- A diagnosis of trauma may link to one of the other key themes increased likelihood that someone would be predisposed to criminal justice system
- There may be a connection to crime, trauma, and substances but evidence is limited
- Trauma was likely coupled with a diagnosis of mental health and a propensity to forensic support.
- Particularly related to FASD there is limited evidence which may be attributed to limits in diagnosis

What next?

Informed PhD question and future research

“It’s all about the trauma”; an exploration of the facilitators and barriers to positive treatment outcomes, created by individuals 18 years and over, with a personal experience of complex needs and trauma, within a medium and low secure hospital setting.

Next steps.... and why?

Could we have avoided admission to forensic setting? What could we have done differently?

PhD research within forensic hospital setting



Thank you

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