

The Actionable Intime Insights (AI2) Study: Implementing a digital model for timely and needs-based interventions in mental health services by applying algorithms to health care data

ACTRN12619000838112

Status RECRUITING
Sponsor Flinders University
Enrollment 100 participants

Plain Language Summary

For people living with a chronic mental illness, navigating the healthcare system can be complicated. Medicare and pharmaceutical benefit claims (the records created when you visit a doctor or fill a prescription) hold a wealth of information about a person's healthcare journey — but this data has never been used effectively to improve mental health care in real time.

The AI2 Study is building and testing a digital application that allows clinicians to access and make sense of their patients' claims data held in My Health Record. The idea is that patterns in this data — such as missed appointments or medication changes — could alert care teams to patients who might need more support before a crisis occurs. Participants will be involved in the study for two years, using the app as part of their routine mental health care.

Adults aged 18 and over with a chronic mental health diagnosis (as defined by DSM-5 criteria) are eligible. People who have not been formally diagnosed with a mental health condition, or who are unlikely to engage with the study, are not eligible. If successful, this digital tool could transform the way mental health services identify and respond to patients' needs, moving from reactive to proactive care.

Key Eligibility Criteria

Inclusion (3)

- Men and women over the age of 18.
- Have been diagnosed by a mental health professional with a chronic mental disorder as defined by the Diagnostic and Statistical Manual of Mental Disorders (DSM-5), used by clinicians and researchers to diagnose and classify mental disorders.
- Have sufficient command of the English language to be able to understand the instructions.

Exclusion (2)

- Have not been diagnosed with a critical mental illness as per defined by the DSM-5.
- Deemed by the clinician to be unwilling, unlikely or unable to comprehend or comply with the study protocol.

Locations (1 total)

SA, Australia