

Integrating Digital Phenotypes and AI-Driven Cognitive-Behavioral Therapy: Advancing Precision Medicine in Depression Through Digital Medicine

NCT07500714

Status	RECRUITING
Phase	Not Applicable
Sponsor	National Science and Technology Council, Taiwan
Enrollment	100 participants

Key Eligibility Criteria

Inclusion (5)

- (1) Aged 18-75 years
- Diagnosis of major depressive disorder disorder (Based on Diagnostic Statistical Manual 5)
- item Hamilton Depression Scale (HAMD21)\>17
- No changes in current psychiatric treatment for depression (e.g., no treatment, antidepressant medication, psychotherapy, or non-invasive brain stimulation) within the past four weeks, and
- Full competency to understand the study details and provide written informed consent

Exclusion (3)

- Scores of 5 (Markedly ill), 6,(Severely ill), and 7 (Among the most extremely ill) according to the Clinical Global Impression Scale-Severity (CGI-S)
- Psychotic disorders, bipolar affective disorder, a substance use disorders in the past 6 months, active suicidal or homicidal ideation (per assessment or HAMD\>3)
- Unstable or active medical illness.

Locations (1 total)

Mind Body Interface Research Center (MBI Lab & Care), Taichung, Taichung, Taiwan