



OHDSI Psychiatry WG

2025



OHDSI Psychiatry WG: Mission

Develop and use informatics capacity to support evidence generation that will improve patients' mental health



OHDSI Psychiatry WG: 2024 accomplishments

Continued development of vocabulary for mental health

- Release of major candidate vocab extension that includes MH – SDoH vocabulary
- Alignment with SNOMED and LOINC
- Contribution to the Human Phenotype Ontology
- Pursuit of OMOP vocabulary-focused grants to support development



OHDSI Psychiatry WG: 2024 accomplishments

Began work to assess support of use of vocabulary for representing data on neuropsychiatric scale scores

- Drafted scope and contents of MH measures of interest
- Identified viable strategies for collecting scale data from EHR flowsheets
- Identified OHDSI members interested in contributing



OHDSI Psychiatry WG: 2024 accomplishments

Began work on study to demonstrate the benefits of developed, vocab, NLP, and flowsheet capacity

- Drafted study protocol based on prior study that used only structured data on mental health
- Identified data partners with relevant data and informatics resources
- Began work on phenotyping strategies with the variations of data: Structured; Flowsheet; NLP and combinations



OHDSI Psychiatry WG: 2024 accomplishments

Began work on survey to assess broader interest in the OHDSI community for participation in MH research

- Outreach to international organizations
- Definition of major objectives for 3 descriptive and demo papers on OHDSI capacity for MH research
 - Characterize who gets what MH assessments in what settings
 - Characterize what kinds of MH treatments are giving to patients in those settings
 - Demonstrate ability to answer important clinical question
 - Effect of lithium on mood component of BP II: Europe vs USA



OHDSI Psychiatry WG: 2025 Goals

Complete study on value of NLP/Flowsheet for improving prediction of conversion from MDD to BP II

Advance new SNOMED concept model for MH and align with work on MH assessments in OMOP and HPO

Conduct characterization and demo studies

Help meet needs for MH concepts in the community

E.g. in INSPIRE Network

Tatiana's study to inform guidelines for Psychosis Tx!



OHDSI Psychiatry WG: 2025 Meeting info

Join us!

**Meetings occur every first Wednesday of the month
from 8:00 AM to 9:00 AM Eastern US**

**Sign up at [OHDSI MSTeams Work groups, Chapters, and Studies
Registration](#)**