



Psychiatry Working Group

KEY OBJECTIVES

1. Conduct and enable research on psychiatric, neuropsychological, and neurologic interventions and outcomes in the OHDSI community
 - Support 2-3 studies that published or presented per year
 - Conduct a survey to identify obstacles and facilitators of psychiatric research.
 - Recruit members that have complementary expertise in the data processing, tools, methods and science
2. Develop new standard OMOP Vocabulary concepts for psychiatric, neuropsychological, and neurologic assessments and promote their adoption by standards development organizations (SNOMED, LOINC, etc.)
 - Collecting feedback on OMOP Extension Psychiatric scales
 - Enrich OMOP Extension Psychiatric scales adding individual items to existing surveys as well as adding new surveys
 - Develop the model allowing to connect questions and surveys to a particular condition and its severity.
 - Help with submitting request to SNOMED or LOINC, up to 75% of concepts requested (if they are valid and non-ambiguous) can be added
 - Promote connections to LOINC, RDoc
3. Promote and support the capture and analysis of standardized data on psychiatric, neuropsychological, and neurologic assessments from structured and unstructured sources by OHDSI community data holders
 - Build standardized NLP pipelines for information extraction of scale scored data from flow sheets and reports.
4. Develop concept relationships in the OMOP Vocabularies for relevant measurements with appropriate hierarchies that reflect the pathophysiology of psychiatric and neurologic conditions
 - adopt RDoc approach on storing the pathophysiology concepts to the OHDSI
5. Collaborate with related initiatives inside and outside the OHDSI community: UK Bio-Bank WG, OHNLP, NIMH
 - Consolidate different approaches in representation of questionnaires
 - Work together with the other OHDSI groups to build wide mapping table (that gives more flexibility in registries and questionnaires mapping)



MEETING DETAILS

- It usually happened in MSTeams every other Thursday, 8:00AM EST
- Now we are looking for a new meeting time as 8:00AM EST is too early for some of you, It will occur monthly, in a last week of a month, 1 meeting for the US time zone, 1 meeting for the Asia Pacific.

Please vote for a time working for you:

[Eastern hemisphere doodle](#)

[Western hemisphere doodle](#)

- Find us on MSTeams as the **Psychiatry Working Group**; or email dymshyts@ohdsi.org
- **All are welcome!**