



Vocabulary WG OKRs 2026

Objective 1: **Support** vocabulary-related activities of workgroups and contributors

KR: Hold regular **office hours** to address any questions from vocabulary users and contributors

KR: In collaboration with the Survey WG, develop and **publish guidelines for survey**, stage and scale and patient reported outcomes harmonization in the OHDSI Vocabularies

Objective 2: Increase Vocabularies content and process **transparency**

KR: Run sessions for all **proposed changes** and improvements, both for community contributions and roadmap

KR: Develop and publish **guidelines on mappings rules** and assumptions for conditions, measurements, procedures and drugs

Objective 3: Enable vocabulary-related **collaboration** in the community

KR: In collaboration with GenAI WG, host a **vocabulary mapping** challenge at the OHDSI EU Symposium



Psychiatry WG 2026 OKRs

Co-leads: Callum Harding and Dmitry Dymshyts

- Further expansion of clinical vocabulary related to Psychiatry.
 - Improve it by classifying what this instrument (assessment/measurement) is propertied to be used for (what diagnosis)
 - Create a list of entities and their corresponding relationships to be adapted into the survey model
 - Get new assessment vocabulary accepted into SNOMED/LOINC
- Compose and run a study to illustrate the need for further expansion of psychiatry assessment vocabulary in SNOMED and LOINC
 - Distribution of completed psychiatric assessments across patients with a defined psychiatry diagnosis across a federated OMOP network .
 - Diagnoses to be defined
 - Correlation between clinical outcomes of a select diagnoses category and psychiatric assessments scores.
 - Diagnoses to be defined
- Run a workshop within the psychiatric research space to spread to increase engagement with OMOP
- Build out Psychiatry github website and WG structure

FHIR to OMOP WG OKRs



Mission:

To foster a collaboration between OHDSI and HL7 including technical data tools that advance the missions of both organizations.



Leads:

Davera Gabriel (Evidentli), Jean Duteau (Dogwood Consulting), Guy Tsafnat (Echidna Systems)

OKRs for 2026

1.



Progress HL7 Vulcan FHIR to OMOP IG from present balloted "Informative" level to "Standard for Trial Use (STU) within September 2026 balloting window

2.



Build on strong ties with HL7 Vulcan (HL7's research accelerator) to bring the communities closer together

3.



Improve OHDSI community engagement through WG meetings, community calls, presentations, symposia and tool uptake.



Rare Disease Working Group Sessions

- **Foundations of Real-World Evidence Generation**
- *Important Groundwork for Real-World Evidence Generation in Pulmonary Arterial Hypertension (PAH)*
Speaker: Eva-Maria Didden, MD, Johnson & Johnson
- **Rare Disease Terminologies & Vocabularies**
- *Integration of Rare Disease Terminologies into Rare Disease Research*
Speaker: Bryan Laraway, University of North Carolina at Chapel Hill
- *Rare Disease Vocabularies: Challenges and Solutions*
Speakers:
Melissa Haendel, PhD, University of North Carolina at Chapel Hill; Amol Bhalla, PhD; Kerri Grizer (IMO)
Alexander Davydov, PhD (OHDSI Vocabulary Team)
- *Orphanet Nomenclature: The Standard Medical Terminology for Rare Disease Coding*
Speakers: Caterina Lucano, PhD; Ana Rath, MD, PhD, Orphanet
- **Data Quality, Standards, and Collaboration**
- *Data Partnerships and Quality Standards for Collaborative Research in the OHDSI Community*
Speaker: Clair Blacketer, MPH, Director, Johnson & Johnson
- **Clinical Applications & Feasibility Studies**
- *Early Detection of CHAPLE Disease in Pediatric Protein-Losing Enteropathy: A Feasibility Study*
Speaker: Kyeryoung Lee, PhD
- *Maximizing EHR Semantic Meaning for Rare Diseases Using a Direct Mapping Strategy*
Speaker: Melanie Philofsky, MS, RN, Director of Clinical Informatics



Rare Diseases Working Group Symposium 2025

- **Invited Deep Diving Sessions**

Michele Zoch, PhD – Institute for Medical Informatics and Biometry, TU Dresden (Germany)

Topic: Integrating ORPHAcodes into ATHENA and research directions in Klinefelter syndrome & McCune–Albright syndrome

Zhandong Liu, PhD – Associate Professor, Pediatrics & Neurology, Baylor College of Medicine (USA)

Topic: Rare disease diagnosis using biomarkers

Radek Wasiak, PhD – rAlre Rare Disease Insights (EU)

Topic: The evolving role of real world data in rare disease drug approval and reimbursement - from methods to new data sources

- **Globalization of RWE in Rare Diseases: challenges/strategies**





Rare Disease WG 2026 OKRs

- **Objective 1: Community engagement and collaboration**

- KR1: Continue the collaborative team of ~20 active members with expertise in rare disease research, data science, phenotyping and clinical study design.
- KR2: Organize monthly sessions to foster interdisciplinary collaboration.
- KR3: Establish partnerships with key stakeholders, including researchers, clinicians, patient advocacy groups, regulatory agencies, and industry leaders, to enhance research impact.

- **Objective 2: Exploring scalable rare disease analytics**

- KR1: Design and initiate a multi-site rare disease study leveraging OHDSI's network and the OMOP CDM.
- KR2: Develop a in-depth approach for identifying and integrating hard-to-find rare disease cohorts across multiple data sources.
 - Structured data standardization
 - Deep clinical granularity
- KR3: Release preliminary findings and methodological insights to guide future large-scale rare disease research.



Summary: Surgery and Perioperative Med 2026 OKR

Important Update: Welcome Oleg Zhuk as a co-lead

- **Data / Vocabulary / Standards**
 - Contribute to LLM Methods and Manual Review of ICD10 PCS → SNOMED mappings in the OHDSI vocabulary.
 - *KR: Review 10K codes for ICD10PCS → SNOMED update (Aug 2026 edition)*
 - *KR: Abstract related to procedure mapping issues and progress (abstract for Global Symposium)*
 - Further discussion of CPT pending
- **Guideline Driven Evidence Generation / Evidence Dissemination**
 - Completion of How Often Events Unfold in Surgery
 - *KR: Publication of HORUS-AKI and at least 1 other HORUS study*
 - *KR: Publication of 1 surgery cohort phenotype description*
- **Evidence consumer community engagement**
 - *KR: Presentation in at least 3 surgery / anesthesia / periop medicine conferences*
 - *KR: Involvement of (at least) 3 new members from 3 surgery / perioperative lab groups.*
- **OHDSI Community Collaboration**
 - Establish 2 strategic collaborations with 2 other OHDSI WG
 - Device WG, Waveform WG, Patient Level Prediction WG, Oncology WG
 - *KR: 2 joint meetings in 2026.*



OHDSI NLP WG 2026 OKRs

Objective 1: Conduct multi-site clinical studies that utilize both structured and textual data

Key results

1. Predictors of diagnostic transition from major depressive disorder to bipolar disorder: a retrospective observational network study (Psychiatry) – Model development
2. Social Determinants of Health and Treatment Outcomes in Type 2 Diabetes: A Multi-Site Analysis of LEGEND-T2DM study – Multi-site validation of existing SDoH NLP pipelines

Objective 2: Open source LLMs for information extraction from clinical notes

Key results

1. Publish and open-source several information extraction pipelines
2. Design new AI agent-based tool for information extraction

Objective 3: Knowledge dissemination

Key results

1. Monthly presentations on NLP advances
 - 9 presentations in 2025; ~ 30 attendees on average



Latin America Chapter OKRs for 2026

🏰 Objective:

Strengthen OMOP adoption initiatives in LATAM

🏰 Key Results:

- 1. Having at least 100 people participating in the First OHDSI Latin America Symposium*
- 2. Have at least 10 institutions engaged in the Latin America Chapter*
- 3. Have at least 5 LATAM countries represented in the Chapter*

🏰 Activities:

- ✓ Host First OHDSI Latin America Symposium*
- ✓ Active participation of Latin America Chapter members in event*
- ✓ Complete one round of collective vocabulary mapping*



Oncology WG in 2026

Goal: Enabling Observational Cancer Research

Community support and collaboration

1. Oncology wiki update: onramps for [ETLers](#) and researchers

High quality oncology OHDSI data network

1. Data partner certification
2. Continuous improvement of the oncology data readiness
3. Genomic vocab update
4. Targeted/use-case driven Vocab update

Evidence generation

1. Guideline driven evidence generation- finalization of FALCON-Bladder
2. Regular use case repo update



2026 OHDSI Health Equity WG — Goals

Research

ONE Population-Level Characterization Study

Define and launch one health equity characterization study using OMOP CDM, in partnership with the GIS Workgroup. Characterize disparities in health outcomes using place-based and/or SDoH variables across at least one OHDSI network site.

Why it matters

A single well-defined study done right transforms the WG from a discussion group into a research-producing entity.

Engagement

≥2 External (Non-OHDSI) Speakers

Invite researchers from outside the OHDSI community — public health, social epidemiology, community health — to present at WG sessions and bridge RWE methods with broader health equity practice.

Why it matters

Health equity science cannot be built inside one network. External voices challenge assumptions and expand our lens.

Integration

Map the HE WG × GIS WG Shared SDoH Landscape

Collaborate with the GIS Workgroup to identify structural overlap between place-based SDoH data needs and OHDSI geospatial infrastructure. Co-define at least one operational SDoH variable for OMOP CDM (e.g., Area Deprivation Index).

Why it matters

This shared data layer is the foundation that makes the anchor study possible — and sets up reproducible health equity research for any OHDSI site.



Early-Stage Researchers WG 2026 OKRs

Mission: To create an inviting venue for OHDSI community members early in their careers or engagement with OHDSI to navigate its resources, ask questions, present their research, find mentorship through networking, and seek insight on their career trajectories.

Objective 1: **Foster** mentorship and engagement with more experienced researchers

Key results:

- Host monthly online and annual in-person Meet-the-Mentor roundtables and talks with experienced OHDSI researchers

Objective 2: **Facilitate** involvement, visibility, and networking opportunities for ESR

Key results:

- Have at least 5 presentations/posters at OHDSI symposia from ESRs
- Spotlight ESR members with research in-progress presentations during online monthly meetings

Objective 3: **Expand** the group leadership structure and better support **global participation**

Key results:

- Identify representatives to liaise with regional chapters
- Expand ESR WG membership to include active members from at least three regional chapters.

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**The weekly OHDSI community call is held
every Tuesday at 11 am ET.**

Everybody is invited!

Links are sent out weekly and available at:

ohdsi.org/community-calls-2025