



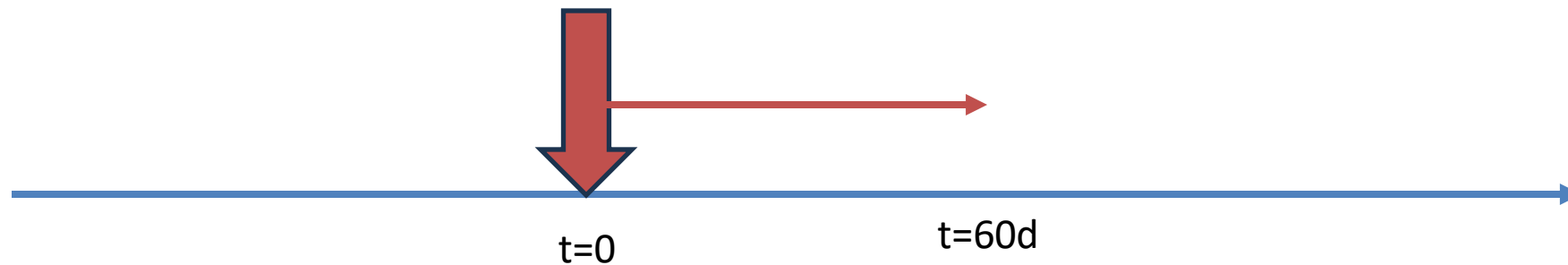
Surgery and Perioperative WG: 2025 OKR

Feb 25, 2025



Surgery and Perioperative WG

To collaboratively generate the observational health evidence needed to better understand the role of surgical and perioperative interventions in medical care.



Meetings: Last Wednesday of Every Month
7am PST / 8am MST / 10am EST / 3pm BST / 4pm CET.



Evidence Driven Data Standardization

- Objective: Convert existing surgical cohort assets from non-standard concepts to standard concepts
 - Key Results:
 - Validation completed through peer review of included concepts / source codes
 - Validation completed through population level validation (CohortDiagnostics)
- Objective: Improve vocabulary mappings in the procedural domain (in partnership with the OHDSI Vocabulary Team)
 - Key Results
 - Contribute to LLM enhanced / Manual Review of ICD 10 PCS → SNOMED mappings in the OHDSI vocabulary



Guideline Driven Evidence **Generation** & Dissemination

- Objective: Refine, improve, and disseminate surgical (and outcome) **cohorts**
- Key Results:
 - Complete of Target Surgery Translation to Standard Vocabulary Concepts, and validate. → Updates submitted to Phenotype Library
 - Completion of Outcome Cohort Review → Updates submitted to Phenotype Library
 - Complete phenotype description of at least one surgical cohort (as published paper)



Guideline Driven Evidence **Generation & Dissemination**

- Objective: Completion of Surgery Incidence Rate Study
 - Key Results
 - Complete specification and execution of Surgery Incidence Rate study
 - Publication of *at least two* Surgery: Outcome Incidence Rate Papers
- Objective: Specification / Planning of *at least one* surgery related effect estimation or prediction Network study
 - Key Results:
 - Background, proposed methodology, initial cohorts characterized by Jan 2026



Guideline Driven Evidence **Generation & Dissemination**

- Objective: Improve Engagement with the Surgery and Periop Medicine Clinical Community
 - Key Results
 - Acceptance of Clinical WG work in at least 3 surgery / perioperative conferences
 - Presentation of broader OHDSI Mission / Capabilities / Methods in at least one Surgery / Periop conference
 - Involvement of (at least) 3 new members from (at least) 3 new surgery / perioperative focused research groups



Collaborative Education / OHDSI Community Collaboration

- Objective: Promote Cross Work Group Collaboration
 - Key Results:
 - Establish 2 strategic Collaborations with other WG
 - 2 Joint meetings in 2025



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Questions? Interest?

minty@ohdsi.org



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