OHDSI Perinatal and Reproductive Health Group (PRHeG)
2025 Objectives and Key Results

PRHeG OKR #1

- **OBJECTIVE:** To develop, implement, and disseminate a comprehensive pregnancy algorithm study within the OHDSI network, focusing on a data-driven understanding of pregnancy episodes and build the foundation for pregnancy-related studies within the OHDSI community.
- **KEY RESULTS:**
  - Develop and finalize the study protocol, ensuring its dissemination to the OHDSI Evidence Network for review and collaboration.
  - Create a comprehensive study package and initiate a call for participation, inviting all interested parties to deploy and collect data.
  - Consolidate and analyze the collected evidence, culminating in the preparation and submission of a publication to share findings within the OHDSI community.

PRHeG OKR #2

- **OBJECTIVE:** Complete a network comparative effectiveness and safety study to serve as model for future ones
- **KEY RESULTS:**
  - Conduct evaluation of antihypertensive medication treatments in pregnancy for a maternal effectiveness outcome and a fetal/neonatal safety outcome, across at least 3 institutions

PRHeG OKR #3

- **OBJECTIVE:** Incorporate pregnancy-specific EHR modules into the OMOP CDM
- **KEY RESULTS:**
  - Implement ETL code for Epic Stork module into the OMOP CDM at 3+ institutions with Epic Caboodle and/or Clarity data
  - Specific data elements will include at a minimum: parity, gravidity, blood loss at delivery, gestational age, birthweight, and Apgar score at 1 and 5 minutes

PRHeG OKR #4

- **OBJECTIVE:** Provide training and education to perinatal and reproductive health researchers interested in OHDSI projects
- **KEY RESULTS:**
  - Complete collaboration on the maternal health data science fellowship
  - In-person study-a-thon at the OHDSI symposium
  - Create a repository of instructional materials, including video presentations, tutorials, guides, and publications

PRHeG OKR #5

- **OBJECTIVE:** Develop and share phenotypes guided by newly established Maternal Health Common Data Elements
- **KEY RESULTS:**
  - Create phenotypes for the first three (3) domains of the biomedical maternal health common data elements: a) pregnancy/delivery episode; b) maternal health conditions and outcomes; c) neonatal characteristics and outcomes