APAC Community Call
Working Group Updates #4

August 25, 2022
Agenda

• OHDSI News
• New OHDSI Studies: Call for Participation
• Working Group Updates
  – Natural Language Processing (NLP)
  – Phenotype Development & Evaluation
  – FHIR & OMOP
New OHDSI Studies: Call for Participation

• Study name: Medication use in pregnant women with and without COVID-19
• Study owners
  – Hedvig Nordeng h.m.e.nordeng@farmasi.uio.no, University of Oslo, Norway
  – Nhung Trinh hung.trinh@farmasi.uio.no, University of Oslo, Norway
  – Eimir Hurley eimir.hurley@farmasi.uio.no, University of Oslo, Norway
• Study objective: Estimate and compare prevalence/incidence of medication use in pregnant women with and without COVID-19
• Study synopsis: EHDEN_Study-request-form_short_v5.docx
• If you are interested in joining the study, please reach out to the study owners by September 15!
Natural Language Processing (NLP)

OKRs for 2022

1. Objective 1: revise representation of textual data in OMOP-CDM (Note_NLP) and develop user guide
2. Objective 2: develop multiple NLP tools to extract, transform, and load textual data into Note_NLP
3. Objective 3: conduct at least two multi-site clinical studies that utilize both structured and textual data
4. Objective 4: continuous community engagement

https://youtu.be/7Kh8Xey96HU
Phenotype Development & Evaluation

Responsible Workgroup

Phenotype Development and Evaluation Workgroup

Objectives:
- Improve the quality and reliability of the phenotype generation
- Enhance the efficiency of the phenotype development evaluation

Responsibilities - Library life cycle
1. Define the minimum standard for Phenotypes in Phenotypes Library
2. Manage a transparent submission process
3. Perform scientific peer reviews in a public forum
4. Publish and maintain the PHENO Phenotypes Library repository of phenotype definitions
5. Execute PHENO Phenotypes Library network study and publish results
6. Develop material for peer-reviewed scientific publications on the phenotypes

https://youtu.be/LkLev0oJ2Gy
FHIR & OMOP