**Consent to participate & Talent Release: The "Minds Meet Machines" (MMM) Challenge**

**Project Title:** The "Minds Meet Machines" (MMM) Initiative: A Quality Improvement Project Evaluating Human and AI Workflows for OHDSI Concept Set Development.

**Sponsor :** OHDSI Community.

**Project Organizers:** Christopher Mecoli, MD (JHU Contact); Gowtham A Rao, MD, PhD (OHDSI Contact, rao@ohdsi.org)

**Project Date:** October 9, 2025

**Key Information:** You are invited to participate in a Quality Improvement (QI) project during the OHDSI Symposium workshop. We are evaluating different ways humans and Artificial Intelligence (AI) create lists of medical codes (concept sets) to improve internal OHDSI processes. Participation is **voluntary**. You can stop at any time without penalty.

* The project involves **minimal risk**.
* **To study how teams collaborate and make decisions, we will video- and audio-record your team deliberations.**
* **These recordings will be shared publicly (e.g., on YouTube and the OHDSI website) to disseminate findings and best practices.**
* You must agree to be recorded and have the recordings released to participate.

**Why are we doing this?**

The goal is to assess if AI-driven approaches can improve the accuracy or efficiency of current OHDSI workflows. We are also analyzing human collaboration to identify best practices.

**What will I do? (Estimated time: 3-4 hours)**

1. **Survey:** Self-identify your expertise level.
2. **Team Assignment:** We will use your survey responses to assign you to a balanced team and a specific medical condition (Stratified Randomization).
3. **Concept Set Generation (The "Human Workflow"):**
   * Your team will receive a standardized clinical description.
   * You will independently create concept sets using OHDSI tools (e.g., ATLAS), and then reconvene to agree on a final list.
4. **Structured Workflow:** You must adhere to the assigned process and are strictly prohibited from using Generative AI tools (like ChatGPT) during this task.
5. **Recording and Analysis:** All deliberations will be recorded (audio and video), analyzed, and publicly released.

**What are the risks and benefits?**

* **Risks:** The risks are minimal, similar to routine professional activities. The main risk relates to the public broadcast of your recorded professional discussions, image, and voice.
* **Benefits:** There are no direct benefits or payments. Your participation will help improve OHDSI methodologies.

**How will my information be managed?**

* **Data Analysis:** We will analyze the concept sets created and the transcripts of your discussions.
* **Confidentiality of Data:** We will protect your *data*. Survey responses are de-identified after team assignment. Published *reports* will use anonymized data (e.g., concept set outputs attributed to teams, not individuals).
* **Public Release of Recordings:** The video and audio recordings capturing your image, voice, and discussions will be made publicly available on platforms like YouTube and the OHDSI website.
* **Ethical Oversight:** This is a quality improvement project to aid OHDSI with Phentype development and is not under oversight by an Institutional Review Board or Ethics Committee. We may however seek to publish an analysis of the outcome if deemed to have interest outside of the OHDSI community. In this event, the analysis of that data will be conducted under the oversight of an IRB and in accordance with all privacy protections and respect for project participants.

**Contact Information**

* For questions about the project, contact Gowtham A Rao, MD, PhD, at rao@ohdsi.org.

**Statement of Consent and Media Release**

I confirm the following (please initial):

\_\_\_\_\_ I have read this form and understand the project's purpose, procedures, and risks. My questions have been answered.

\_\_\_\_\_ I understand that my participation involves adhering to a structured workflow and the prohibition of GenAI use.

\_\_\_\_\_ I agree that my professional deliberations will be audio- and video-recorded and analyzed by the project team.

\_\_\_\_\_ Media Release: I hereby consent to the use of my image, voice, and/or likeness by the OHDSI Community. I understand that these recordings will be published and distributed publicly on the internet (e.g., YouTube) and used for educational, research, and dissemination purposes. I waive any right to inspect or approve the finished product.

I voluntarily agree to participate in the "Minds Meet Machines" (MMM) QI project.

Participant Printed Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Participant Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Person Obtaining Consent (Staff): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_