**Title:** Interoperability through Collaboration: Developing a Global Oncology Standard

**Background**

- The lack of high-quality harmonized data is a key roadblock to advancing cancer patient care
- The absence of an existing comprehensive global interoperable oncology data standard is a foundational limitation of any large-scale open-science oncology efforts.
- Currently, the full breadth and depth of cancer data cannot be comprehensively represented in OMOP
- Further effort is needed developing conventions and vocabularies
- We are leading a collaborative effort within the OHDSI community to expand and mature oncology data representation in OMOP, emphasizing international interoperability and transparency

**Results**

Reworking of the working group processes received as beneficial
- Lowered transparency and on-ramp barriers
- More easily allows international contributions
- However, increased visibility and utilization is needed

Community sentiment towards effort overwhelmingly positive
- Viewed as worthwhile and impactful
- Many community members willing to contribute time and resources

Landscaping & outreach have shown significant overlap in:
- Implementation barriers and roadblocks
- Data sources and variables of interest
- Use cases and interest in network research

Once the remaining notable collaborative exercises are completed (July), we are finalizing the roadmap and consequently initiating development

**Methods**

A collaborative approach to expand and mature oncology data representation within OMOP, with an emphasis on international interoperability

**Goals**

- Increased collaboration and community growth
- Wider applicability and adoption
- Establishing comprehensive global conventions
- Transparency of efforts and standards

**Philanthropic funding** has enabled a dedicated development sprint (planned Aug-Dec 2023) to accelerate this collaborative, community effort

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**Github.com/OHDSI/OncologyWG**