

Friends and colleagues:

Come to the Oncology Workgroup at the [2022 OHDSI US Symposium](#). Together, we will work in a hackathon way on real oncology use cases. We will have folks with data, and folks with scientific research questions.

When

- Saturday, Oct. 15, 9am-3pm
- Registration link: [2022 OHDSI Workgroup Activities October 15-16 Tickets, Sat, Oct 15, 2022 at 8:00 AM | Eventbrite](#)

Goal

- Bring oncology data to research
- Showcase how oncology data in OMOP can enable oncology use cases
- Identify the gaps and areas where we should focus on next

Background/Agenda

- Cancer diagnoses are defined through a set of attributes: histology, anatomic site of origin (topology), stage, grade, and cancer-specific biomarkers. This level of detail, however, is not readily available in structured electronic health record (EHR) data and needs to be either extracted from the patient records or augmented through linkage with other sources of information such as tumor registries.
- The workarounds researchers apply to overcome these issues are risky; they often use a combination of drugs indicated for the treatment of the specific cancer subtype, evidence of targeted diagnostic and/or prognostic tests, and lack of information on other potential clinical events to define cancer phenotypes.
- Since inception, the Oncology Workgroup has focused on providing a platform for standardization of cancer data enabling the conduct of observational cancer studies and identifying patient cohorts in a distributed research network.

What are we going to do during the Workshop

- The workshop will focus on the development of phenotypes for two separate tumor types.
- We will develop multiple alternative definitions using conventional and the oncology data in OMOP. The performance of these algorithms will be compared.
- We will understand cancer phenotyping and limitations and gaps of data in defining oncology phenotypes.