

Customized dataset for study of postpartum maternal health

WHAT IS THE RESEARCH DATA WAREHOUSE (RDW)?

The RDW is a repository of Epic data from patients and research subjects. It provides access to over 2.5 million patient records with 20 million patient encounter records and more than 40,000 data points. This repository can be used by OHSU investigators for research purposes.

PROJECT DESCRIPTION

Ayo Babatunde, trainee in the OHSU Department of Medical Informatics and Clinical Epidemiology (DMICE) and faculty mentor, Dr. Nicole Weiskopf are conducting a retrospective study using electronic health record data from the OHSU birthing population and identifying cohorts that have experienced maternal morbidity during the postpartum period.

OCTRI RDW TEAM SERVICES AND ROLE

The OCTRI RDW team helped Babatunde and Weiskopf assess data requirements necessary to answer research questions related to maternal health during the postpartum period and supported the data extraction process.

PROJECT OUTCOMES

This data set will be used for a retrospective study to identify and understand threats to validity when studying maternal morbidity.

COLLABORATOR COMMENTS

"During the planning phase of our project, OCTRI and the RDW team provided a critical assessment of the data requirements needed to fulfill our research objectives, as well as useful feedback on our research plan. Our data extraction was a complex process that required multiple iterations to match our vision with execution. The RDW analysts provided exceptional communication to ensure that the data extraction produced a robust dataset for analysis and the dataset was delivered within the promised timeline." – OHSU Investigator

QUESTIONS?

To learn more about this work or to get help with your project, please reach out to the OCTRI Navigator: octri@ohsu.edu.