Banner Research

Banner University Medicine

Research Support Services Catalog

Banner Research provides enterprise-wide research strategy and program support for Banner Health and the University of Arizona through an academic affiliation agreement. This gives us the opportunity to build synergy among our various research efforts, have consistent management of grants and trials, and work closely with our clinical and academic partners to conduct cutting-edge and compliant clinical studies.

To support these efforts from a data perspective, Banner Research also coordinates with Banner IT to provide tools that can assist researchers.

Submit your request.

Trial and Data Management Tools

Cerner PowerTrials

This tool provides the ability to list a trial in the Electronic Health Record (EHR) of a patient. This allows a patient's health care team to be aware of their participation and can see basic information about the trial and staff contact information. It is found in the demographics bar of the EHR.

Clinical Conductor

Banner Research utilizes Clinical Conductor, which is a clinical trial software management system (CTMS) that offers robust end-to-end capabilities related to managing all faucets of clinical trial planning and management. These capabilities include keeping track of finances, recruitment, patient visits, scheduling, billing compliance and project management. Banner employed clinicians and coordinators who conduct research in Banner facilities are required to utilize this system to maintain proper regulatory compliance.

OnCore

Similar to Clinical Conductor, utilization of the OnCore CTMS system is required for all UArizona Research conducted at a "Select Site" on which a B–UMG Clinician or a physician employed by Banner Medical Group who has faculty status at COM-P or COM-T serves as the Principal Investigator

REDCap

Research Electronic Data Capture (REDCap) is a system that enables the ability to create web-based data collection tools through an intuitive interface. REDCap supports exporting data through csv files as well as native statistical package formats such as SAS and STATA. The product supports double-data entry, branching logic, data-format validation, built in reports for data completion as well as limited support for custom reports.

Data Acquisition Tools

Cerner Learning Health Network

This is a multi-institutional, de-identified approach to data that Banner Health has joined. Belonging to this Cerner-hosted network allows members to run queries on a very large electronic health record (EHR) database. Funded research requests and other clinical trial opportunities with identified cohorts within Banner will alert the institution to see if there is an interested investigator to pursue the project.

TriNetX

TriNetX is a helpful tool in understanding clinical trial feasibility and planning. It is a web-based system that permits de-identified queries over Banner Health's EHR data by specifying inclusion and exclusion criteria to develop a cohort. Once you have your cohort you can explore the cohort to view demographics, diagnoses, procedures, medications, labs, and regional distribution. You can also save a cohort and have the Honest Broker extract additional data points not available through the platform. Support for the platform comes from the pharmaceutical industry which has access to query the network of TriNetX members to find cohorts required to meet enrollment targets. If they find cohorts at Banner, they will send clinical trial opportunities to determine if there is an investigator interested in pursuing the project (similar to Cerner Learning Health Network).

Send an email to ITResearchSupport@bannerhealth.com if you would like a TriNetX account.

Programs and Services

Banner IRB

An Institutional Review Board (IRB) is a committee charged with protecting the rights and welfare of people participating in research. The IRB reviews proposed research projects involving human subjects and provides ongoing oversight to ensure regulatory compliance. All research activities taking place on a Banner Health campus or involving Banner Health patients and employees are reviewed by an IRB. Both the U.S. Food and Drug Administration (FDA) and the Office for Human Research Protections, a division of the U.S. Department of Health and Human Services, set guidelines and regulations governing research with human subjects and establish the authority granted to the IRB.

Honest Broker

The Honest Broker program is a way for investigators to request electronic health record (EHR) data for IRB-approved research or quality improvement projects. Honest Broker is approved by the Banner IRB and can provide retrospective data from discrete fields for analysis, prospective data on patients matching inclusion criteria to recruit for a clinical trial, counts of patients seen by a clinic grouped by zip code. Depending on the protocol, you will receive a data set that is either identified, limited data set, or de-identified. If data is being provided outside of Banner, a Data Use Agreement will be required before the transfer of data.

Research Determination Committee

Many research projects require submission to the IRB. Others fall under quality improvement. If you intend to request or collect Banner Health data for a project and unsure if it requires review or approval, reach out to this committee for determination.