

Research Tools Available in Epic

- **Research Studies**
 - **Research Studies:** Studies that involve treatment and/or billing risk must have their participants associated/enrolled in OnCore (if applicable) and Epic. Enrollments entered in OnCore will flow to Epic in real time. The Epic1 Research Team collects information about the study via the [Epic1 Research Intake Form](#). In addition to the research tools below, study teams may opt to utilize appointment notifications and ED/hospital admission/discharge/transfer notifications for study patients.
- **Reporting**
 - **Reporting Workbench (RWB):** Epic's self-service reporting tool to help study teams track their study patients in Epic and/or send recruitment requests to patients in MyChart. Using this tool for recruitment may require IRB approval.
 - **SlicerDicer:** Epic's self-service reporting tool that can be useful for study teams to gather metrics on a cohort to evaluate study feasibility.
 - **Clarity:** Most Epic data can be retrieved from the analytical/SQL database (Clarity) and linked with other Clinical EHR data by the Informatics Core Services (ICS) team.
- **MyChart and Research Recruitment**
 - **MyChart Research Recruitment:** Study teams can send research recruitment messages to an individual patient or a group of patients' MyChart accounts. Patients can respond back to the study team if they are interested in learning more. This method requires specific IRB approval for Epic–MyChart recruitment.
 - **Research Questionnaires:** Study teams can make research questionnaires available to patients to complete via MyChart, in clinic, or by the study team on behalf of the patient. This feature requires specific IRB approval of the questionnaire contents, as well as approval by BJC/WashU Informaticists.
 - **Patient-Initiated Messaging:** Interested patients and study participants can initiate a MyChart message that will go to the study team's Epic In Basket. Messages should be responded to in a timely manner (typically 2-3 business days). Study teams can opt-into this feature, if desired.
 - **Our Practice Advisory (OPA):** The Epic1 Research Team can set up research recruitment alerts for the study team's Epic In Basket or to a pager to notify them of potential research participants based on the study criteria. This method of recruitment is recommended for studies that need to recruit in "real-time" (for example, ED) and/or are difficult to recruit for. This feature requires specific IRB approval, as well as approval by BJC/WashU Informaticists.
- **Additional Research Tools in Epic**
 - **Adverse Events:** Study teams can document discrete adverse events in Epic and send them to the PI or Sub-I via Epic In Basket for a tracked review. Research Monitors can view the reviewed adverse events in EpicCare Link.



- **Research SmartSets / Order Sets:** If your study involves 4 or more orders that will need to be placed in Epic, the Epic1 Research Team can create a Research SmartSet / Order Set with the study orders that will improve ordering efficiency.

Need Help with Epic Research?

Please see the [Research Learning Home Dashboard](#) in Epic for tip sheets and guides on these tools. You can request these tools when completing the [Epic1 Research Intake Form](#) for a new study or by submitting a [ServiceNow](#) ticket.