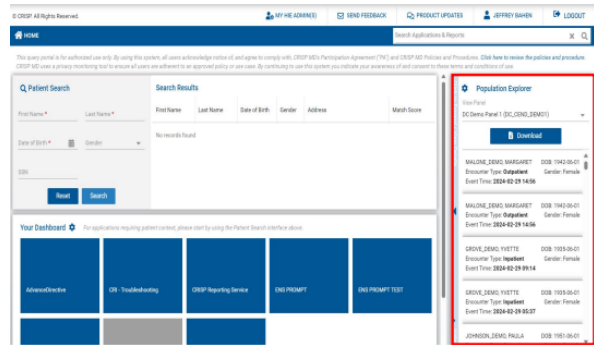# Population Explorer Tool

Population Explorer is a tool designed to improve care coordination by providing real-time notifications to healthcare providers about their patients' encounters with different healthcare facilities. While encounter notifications are the main feature of Population Explorer, the tool offers other features such as encounter history that have implications for care coordination both within an organization and between multiple organizations.

Real-Time Notifications

The Encounter Notifications delivered through the Population Explorer tool can improve care coordination in four main ways.

1. Timely interventions and follow-ups
2. Efficient communication between Primary Care Providers, specialists, hospitals, and other healthcare entities
3. Discharge instruction management
4. Medication management

Follow Up Status

Each notification within Population Explorer has a Follow Up Status icon with three options to choose from a dropdown menu: Not Started, In Progress, and Complete. This status icon can be used to ensure everyone on a patient's care team is on the same page, regardless of the healthcare organization to which they belong. It also enables more efficient tracking of Encounter Notifications within an organization.

Encounter History

The Encounter History view enables the ability to develop more comprehensive care plans by providing more insight on the patient's background. Viewing patient encounter history can help identify patterns in medical history as well as identify high-risk patients who would benefit from care management programs.

Filters

Filters allow the users to search for encounters based on filters besides patient name. This enables providers to examine their patient encounters through a different lens. Using different filters to view encounters may help a provider identify a pattern across patients that have implications for their organization's care quality. These filters also enhance efficiency in managing discharge notifications and follow-up status.