

TRAUMA ONE MODULES OVERVIEW

Reports

It may be helpful to think of the Reports module as answering the questions "what?" as in "what variables do you want to report on?" and "how?" as in "how would you like to display the results?"

While the Reports module can tell a report to include only patients within a specified date range, it does not have the means to separate patients into groups any more specific than that. In other words, reports created only with the Reports module will always be run to include every patient in the database, with the specific date range. In order to report on a more specific group of patients, you must use a population.

Populations

The Populations module creates filters that are attached to reports to limit their query to subsets of patient records from the database. You might think of the Populations module as answering the question "who?" as in "who do you want to include in this report?"

Without the Populations module, reports would always be run to include every patient in the database within the specified date range. The Populations module can create two types of filters to use with reports: Populations and Universes. A population is used to identify a specific group of patients in the database, while a universe identified a specific group of patients who were in the database at a specific point in time. (A wide variety of Populations have already been created in Trauma One for your use.

Repeat Sets

Users can utilize Repeat Sets to break down a large report into a series of related sub-reports. This allows you to run separate reports for a changing variable, such as Trauma Surgeon. For example, a hospital running a Final Outcome bar chart without a repeat set will generate a single report for its entire database. Though this information is useful, the hospital's administrators are interested in seeing Final Outcome statistics for each of their five trauma surgeons as individuals. By creating a Trauma Surgeon repeat set and attaching it to the report, the hospital can easily generate separate bar charts for each physician. Like the Populations module, the Repeat Sets module cannot run reports on its own, and is only useful in

conjunction with the Reports module. (As a convenience, many standard Repeat Sets have already been created.)

Batches

The Batches module is a timesaving tool that allows users to combine a large number of reports into a single batch for faster processing. Once a batch has been created, all of the reports contained in it can be run simultaneously with a single command. Batches are useful for departmental QI reporting, weekly, or monthly performance reporting or any other instance where a series of reports must be generated at regular intervals. As with reports, users may specify a data range or attach a population when running a batch, though it is not possible to attach a repeat set. Repeat sets and Populations may both be attached to individual reports within a batch.