

BEST PRACTICE: CREATING 3 SEPARATE COHORTS

Please note the following limitations

- ▶ Only patients who have coded terms (chosen from a drop-down window) will display in the list

Step 1: Create the cohorts

- ▶ Cohort 1. All patients with heart failure (ever) includes those with:
 - heart failure with reserved ejection fraction (HFrEF) and/or
 - heart failure with preserved ejection fraction (HFpEF) and/or
 - other relevant terminology for heart failure
 - ▶ Cohort 2. All patients with HFrEF (ever) only
 - ▶ Cohort 3. All patients with HFpEF (ever) only
1. Open Best Practice. Do not open any patient records.
 2. Locate the **Utilities** menu option on the main window menu (4th across)
 3. Click on **Search** (or Ctrl-S) and the Database search window will display.
 4. Click on the **Conditions** button (3rd across). A small pop up window displays.
 5. Determine your search? **Past history** or **Reason for visit**
 - a. Choose **Past history** OR **Reason for visit**
 6. In the **Diagnosis** search field type **Heart failure** and 7 options display. Click on the first in the list “**Heart failure**” and click on the **OR** radio button then press **Add**.
 - a. Repeat this step for the remaining items until all are in the **Condition** portion of the window.
 - b. Click **OK** to bring the search up into the **SQL Query** section of the window.
 - c. SAVE the query by clicking on the **Save query** button.
 - i. Call the query **Heart failure** and press **Save**
 7. **Cohort 1** has now been created. Press the **Run query** button.
 8. A screen of all patients who match the search for cohort 1 will display. There are options to:
 - a. **Open** each patient record in the list
 - b. **Save** the list by clicking on the Save icon. This means you will be able to re-open the list at another time.
 - c. **Print** the list
 - d. **Mail merge**
 9. To create cohort 2, repeat the process including only terms related to HFrEF in the **Diagnosis** search field
 10. To create cohort 3, repeat the process, including only terms related to HFpEF in the **Diagnosis** search field

Note: This process will allow you to produce 3 reports; one for each cohort (1, 2, and 3)

Step 2: Select the cohort relevant to the improvement indicator of interest.

Build on the relevant cohort (your denominator) to find the indicator measure (numerator) of interest.

Examples have been included to calculate the following:

- ▶ **All patients with heart failure who have a classification of HFrEF or HFpEF recorded**
- ▶ **All patients with heart failure who have had a GPMP or TCA or CVC program developed or reviewed in the last 12 months**
- ▶ **All patients with heart failure who have had a HMR or RMMR in the last 12 months**

The instructions for these searches can be found on our website at <https://www.nps.org.au/heart-failure-measures> under the relevant indicator.