**How to search on SystmOne for patient prescribed both MDI and DPI inhalers**

This involves running two searches – one for those patients prescribed MDIs, and a second for those prescribed DPIs, then combining to identify those patients in both groups.

* Click on ‘*Reporting’* tab then ‘*Clinical reporting’.*
* Click ‘*New’*
* Name the report (e.g. ‘High emissions inhalers’); choose a new category (i.e. a folder for storage) e.g. Qimp searches. Click ‘*Ok’*
* Add elements to the search e.g. demographics such as click on ‘*Age’* and change ‘Current age’ to ‘over’ and ‘18’ years.
* Click on ‘*Clinical’* drop down menu and then ‘*Event dates’* and in the date box, can limit to the previous 12 months by entering ‘-*1y*’

To Identify patients prescribed non salbutamol MDI inhalers.

* Click ‘*Medication’* (under ‘*Clinical’*)
* Click on ‘*Drugs in a cluster’*
* To identify those on MDIs, start by typing ‘ncdnon’ and/or scroll down to ‘*ncdnonsalbmdiinhdrug’* subreport. Click on ‘*Ok’*

To identify patients prescribed non salbutamol DPI inhalers.

* Identify those on DPIs by clicking on search report. Into search bar, type ‘*DPI’*
* Select ‘*Subreport inhaler non salbutamol low carbon (non mdi)’*. Click on copy (left side of the screen’ and add to ‘QIMP searches’ folder. Change event dates to ‘-1y’ and demographics to over 18s. Click on ‘*Ok’*

Combine two reports.

* Click ‘*Join’*, then ‘*Clear current report’*. ‘*Combine 2 reports’* and select ‘MDI’ and ‘DPI’ report for report 1 and 2 respectively. Combine by selecting ‘*Join type’* overlapping Venn diagram. Name search as ‘*MDI + DPI’* and click on ‘*Ok’*. These are patients who have had both MDI and DPI inhalers prescribed in the last 12 months.
* Right click ‘Run’ (green triangle); then ‘Refresh’ icon.
* Click ‘Show patients’. Patient records can be analysed individually.
* The results can be exported (‘extracted’ or saved).