

Appendix 8: Guide to Data, Data Cleaning and Measurement

In this section we'll discuss how to ensure that your data are collected and stored correctly in the clinical software and how to use Pen CAT to support work outlined in this toolkit.

If you have not already done so, please contact your pathology providers and ensure that they are sending results to you electronically and in the correct format (HL7). Some pathology providers will have preferences set for your Health Service and it's essential that these are set correctly. If you are receiving pathology results electronically in the right format your software will process these results into the collect location and no human intervention is needed.

For Pen CAT to extract, report and visualise cancer screening data, data must be recorded in the clinical information software properly. Pen CAT will only recognise cancer screening data when it is entered in the correct format and in the expected location. The location(s) and format(s) vary slightly across clinical information software (and sometimes between software versions). In some cases, you may need to enter data manually, before doing this please check they meet Pen CAT requirements (location and terminology). Pen CAT has a detailed user guide available online that shows how to manually record cancer screening data for clinical information software (in the mapping sections). The following pages provide links to the inclusions and test names that Pen CAT will extract for bowel, breast and cervical cancer screening for the common clinical software programs.

The Pen CAT user guide can be access via the following link:
<http://help.pencs.com.au/display/CG>

Clinical software recording of cancer screening data

Best Practice

Bowel Cancer Screening

Pathology Data Mapping

<http://help.pencs.com.au/display/ADM/General+Data+Category+Mappings+BP>

General Data Category Mappings

<http://help.pencs.com.au/display/ADM/General+Data+Category+Mappings+BP>

Exclusions

<http://help.pencs.com.au/display/ADM/Conditions+Data+Category+Mappings+BP>

Breast Cancer Screening

Pathology Data Mapping

<http://help.pencs.com.au/display/ADM/General+Data+Category+Mappings+BP>

General Data Category Mappings

<http://help.pencs.com.au/display/ADM/General+Data+Category+Mappings+BP>

Exclusions

<http://help.pencs.com.au/display/ADM/Conditions+Data+Category+Mappings+BP>

Cervical Cancer Screening

Pathology Data Mapping

<http://help.pencs.com.au/display/ADM/Pathology+Data+Mapping+BP>

General Data Category Mappings

<http://help.pencs.com.au/display/ADM/General+Data+Category+Mappings+BP>

Exclusions

<http://help.pencs.com.au/display/ADM/General+Data+Category+Mappings+BP>

<http://help.pencs.com.au/display/ADM/Conditions+Data+Category+Mappings+BP>