

The NCI "CT Colonography" (CTC) image collection, downloadable as DICOM studies at <https://imaging.nci.nih.gov/ncia/> has now been enlarged to a total of 827 cases acquired from the optically (OC)-validated ACRIN CTC trial in which subjects underwent same-day CTC and OC.

A description of the collection can be found at:

<https://wiki.nci.nih.gov/download/attachments/13502514/NCIA+CTC+collection+explained.doc>

A key to the OC validation tables can be found at:

<https://wiki.nci.nih.gov/download/attachments/13502514/Polyp+description+key+table.tiff>

Three polyp-size-grouped case lists can be found as:

'No polyp found' (243 cases);

<https://wiki.nci.nih.gov/download/attachments/13502514/NCIA+CTC+no+polyp+found.xls>

6 to 9 mm polyps (69 cases);

<https://wiki.nci.nih.gov/download/attachments/13502514/NCIA+CTC+6+to+9+mm+polyps.xls>

and "larger than 10 mm" (35 cases)

<https://wiki.nci.nih.gov/download/attachments/13502514/NCIA+CTC+large+10+mm+polyps.xls>

This subset of the ACRIN 2600+ total trial-accrued cases

<http://acrin.org/TabID/151/Default.aspx> recapitulates the incidence and polyp size proportions found in the general population.

As a result of data-sharing by the ACRIN organization, NCI provides this collection to the biomedical research community as a resource that may be used as a training set to improve current day computational methods for colon polyp screening,

Sincerely

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