

Downloading Images Using the NBIA Data Retriever

When you download images you have added to your cart, TCIA provides a list of these images in a manifest file (`manifest-xxx.tcia`). You must have already [installed](#) the NBIA Data Retriever to open this manifest file and download the images.

i You can share the manifest file with collaborators, so that they can download the same images that you have added to your cart. Collaborators must also install the NBIA Data Retriever to open the manifest file.

If you want to share a manifest file that includes links to **limited-access** image collections, you must first manually [install the latest NBIA Data Retriever](#). The latest version of the NBIA Data Retriever controls access to limited-access collections. In addition, your collaborators must have the same access to those limited-access collections as you do. Otherwise, your collaborators will not be able to download images from those collections.

To download images using the NBIA Data Retriever

1. [Search](#) for images of interest.
2. [Add](#) those images to your cart.



3. Click the cart icon in the top-right of the page. The cart contents appear.

Collection	Subject ID	Study Date	Study Description	Series Description	Images
TCGA-LUSC	TCGA-34-5928	Apr 7, 1993	Lung V/Q Scan	Ventilation	1
TCGA-LUSC	TCGA-34-5928	Apr 7, 1993	Lung V/Q Scan	Perfusion	4
TCGA-LUSC	TCGA-34-8454	Dec 21, 1994	Lung V/Q Scan	Perfusion	4
TCGA-LUSC	TCGA-34-8454	Dec 21, 1994	Lung V/Q Scan	Ventilation	1

4. Click [Download](#).

A message appears reminding you to download the NBIA Data Retriever. If you have already downloaded it, click **Do not show this message**

again and click [Download](#). Otherwise, click [Get Data Retriever](#) to go to a page with links for downloads for each operating system.

i NBIA Data Retriever

Before clicking the Download button you must install the NBIA Data Retriever on your computer.

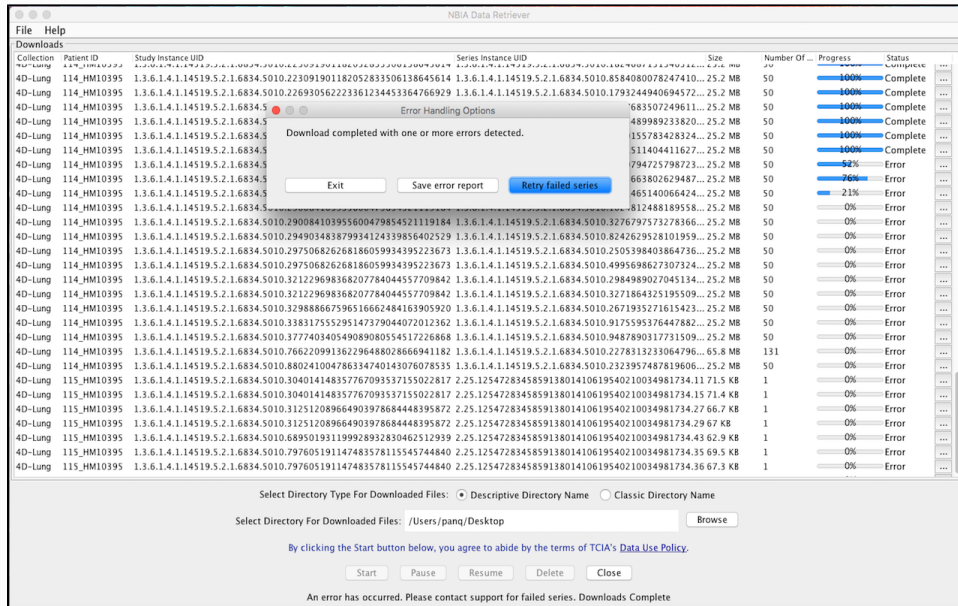
Do not show this message again.

[Get Data Retriever](#) [Download](#) [Cancel](#)

Network Error?

If network errors occur during large downloads, the NBIA Data Retriever retries downloading the series in the manifest file the number of times that your administrator has configured. The default is four times.

After the automatic retries, you have the option of saving an error report, which you can share with the [TCIA help desk](#), or of retrying just the failed series.



The screenshot displays the NBIA Data Retriever application window. The main window contains a table of download tasks with columns for Collection, Patient ID, Study Instance UID, Series Instance UID, Size, Number Of, Progress, and Status. An 'Error Handling Options' dialog box is open over the table, showing the message 'Download completed with one or more errors detected.' and three buttons: 'Exit', 'Save error report', and 'Retry failed series'. The table shows various download tasks, some completed (100% progress) and some with errors (e.g., 52% Error, 21% Error, 0% Error).

Collection	Patient ID	Study Instance UID	Series Instance UID	Size	Number Of	Progress	Status
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.223091901182052833506138645614	1.3.6.1.4.1.14519.5.2.1.6834.5010.8584080078247410...	25.2 MB	50	100%	Complete
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.226930562223361234453364766929	1.3.6.1.4.1.14519.5.2.1.6834.5010.1793244940694572...	25.2 MB	50	100%	Complete
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	683507249611...	25.2 MB	50	100%	Complete
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	489989233820...	25.2 MB	50	100%	Complete
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	155783428324...	25.2 MB	50	100%	Complete
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	511404411627...	25.2 MB	50	100%	Complete
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	794725798723...	25.2 MB	50	52%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	663802629487...	25.2 MB	50	26%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	465140066424...	25.2 MB	50	21%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5	812488189558...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.290084103955600479854521119184	1.3.6.1.4.1.14519.5.2.1.6834.5010.3276797573278366...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.294903483879934124339856402529	1.3.6.1.4.1.14519.5.2.1.6834.5010.8242629528101959...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.297506826268186059934395223673	1.3.6.1.4.1.14519.5.2.1.6834.5010.2505398403864736...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.297506826268186059934395223673	1.3.6.1.4.1.14519.5.2.1.6834.5010.4995698627307324...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.321229698368207784044557709842	1.3.6.1.4.1.14519.5.2.1.6834.5010.2984989027045134...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.321229698368207784044557709842	1.3.6.1.4.1.14519.5.2.1.6834.5010.3271864325195509...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.329888667596516662484163905920	1.3.6.1.4.1.14519.5.2.1.6834.5010.267193271615423...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.338317555295147379044072012362	1.3.6.1.4.1.14519.5.2.1.6834.5010.9175595376447882...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.37740340549089080554517226868	1.3.6.1.4.1.14519.5.2.1.6834.5010.9487890317731509...	25.2 MB	50	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.766220991362296488028666941182	1.3.6.1.4.1.14519.5.2.1.6834.5010.227831233064796...	65.8 MB	131	0%	Error
4D-Lung	114_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.880241004786334740143076078535	1.3.6.1.4.1.14519.5.2.1.6834.5010.2323957487819606...	25.2 MB	50	0%	Error
4D-Lung	115_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.304014148357767093537155022817	2.25.125472834585913801410619540210034981734.11.71.5 KB	1	1	0%	Error
4D-Lung	115_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.304014148357767093537155022817	2.25.125472834585913801410619540210034981734.15.71.4 KB	1	1	0%	Error
4D-Lung	115_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.31251208966490397868448395872	2.25.125472834585913801410619540210034981734.27.66.7 KB	1	1	0%	Error
4D-Lung	115_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.31251208966490397868448395872	2.25.125472834585913801410619540210034981734.29.67.8 KB	1	1	0%	Error
4D-Lung	115_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.689501931199928932830462512939	2.25.125472834585913801410619540210034981734.43.62.9 KB	1	1	0%	Error
4D-Lung	115_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.797605191147483578115545744840	2.25.125472834585913801410619540210034981734.35.69.5 KB	1	1	0%	Error
4D-Lung	115_HMI0395	1.3.6.1.4.1.14519.5.2.1.6834.5010.797605191147483578115545744840	2.25.125472834585913801410619540210034981734.36.67.3 KB	1	1	0%	Error