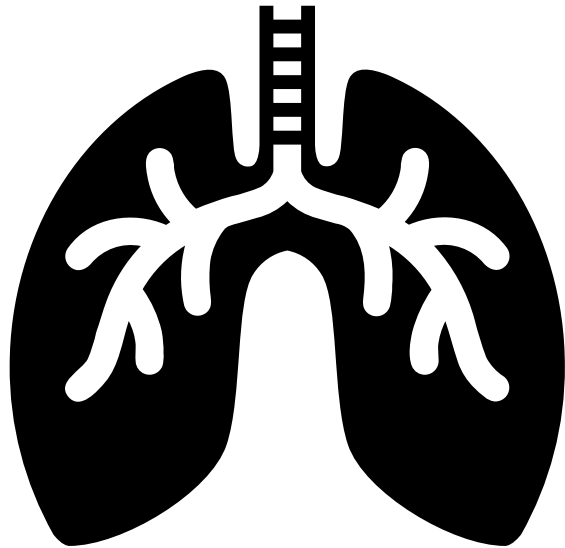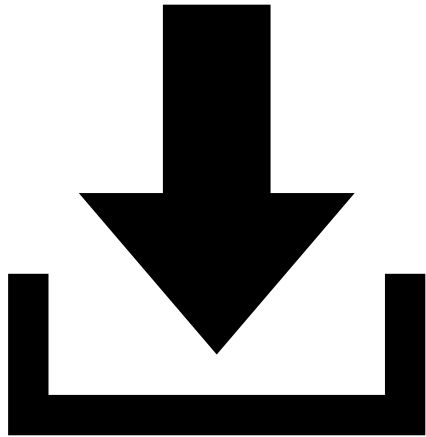# NIOSH BViewer

Use the NIOSH BViewer software to view chest radiographs and create ILO classification reports for detecting pneumoconiosis. You can also use Bviewer to see sample radiographs from the B Reader syllabus to study for the exam.

The following slides show steps on how to install and start using the NIOSH BViewer and syllabus radiographs.
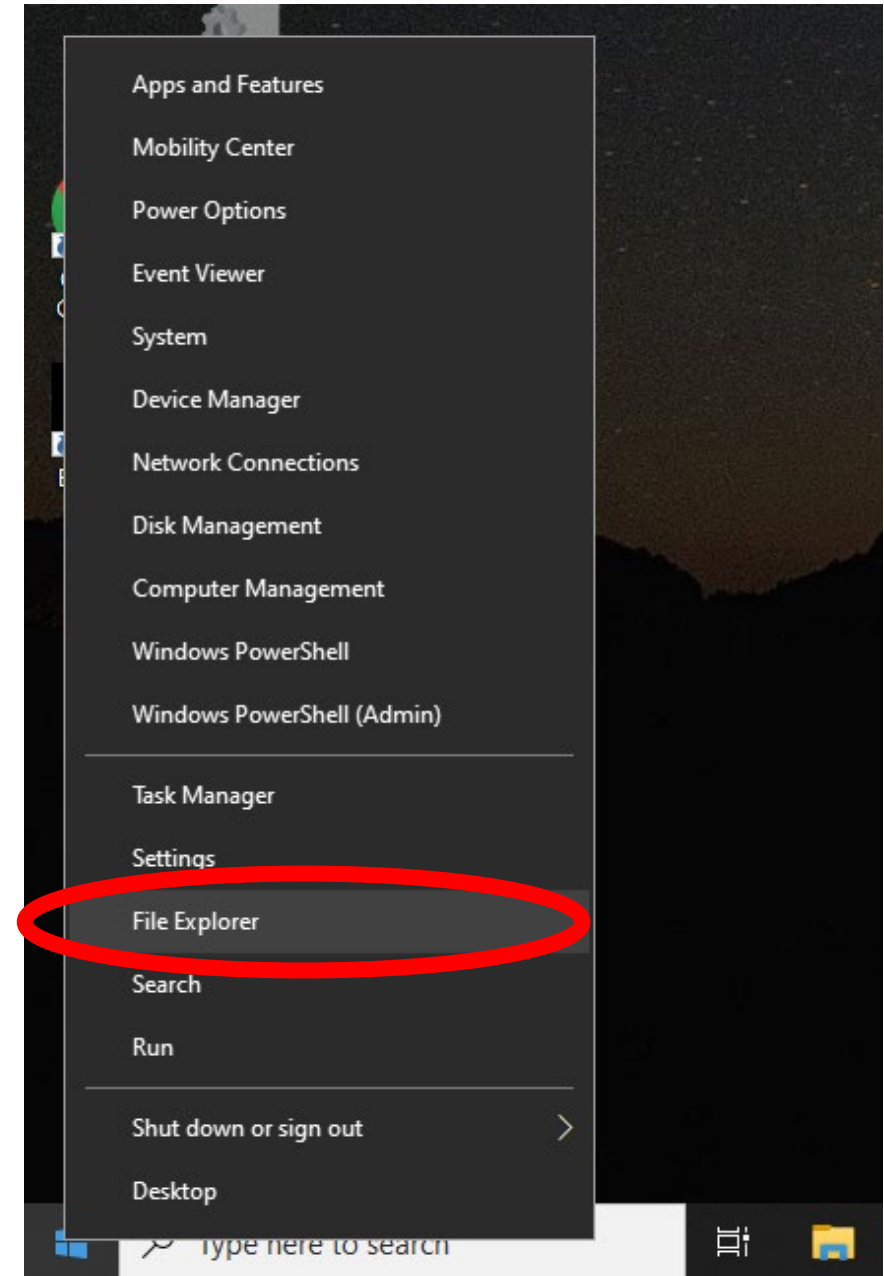
Download Files

Parts of the NIOSH Study Syllabus require you to install software and radiographs. **You will need to view or download each part.** Click on each link from these instructions to save the files to your Downloads folder.

- View the NIOSH Study Syllabus on the CDC website. Mark this as a bookmark or favorite in your web browser.
- Download the NIOSH BViewer (Windows only).
  All B Reader Exams given at NIOSH Morgantown, WV utilize NIOSH BViewer software.
- Download the Syllabus and ILO Standard Radiographs for BViewer only.
- Download the Syllabus Radiograph Answer Keys (PDF). Radiographs 1 through 19 do not have answer keys. They are described in the syllabus. (Revised 9/28/2023)

NOTE: It is easier to study on a workstation with multiple monitors or a wide screen. You will likely have several windows or browser tabs open to toggle between the syllabus, sample radiographs, standards, and answer keys.
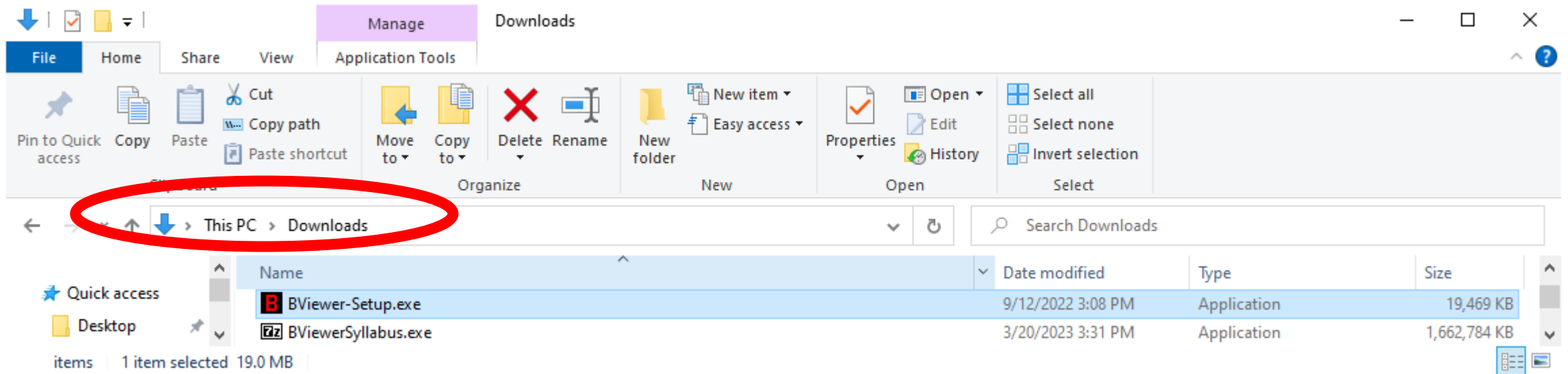
Download Files

- Right click on the Windows Start button.
- Open the File Explorer.

Download Files

- Locate the Downloads folder under Quick Access or This PC.
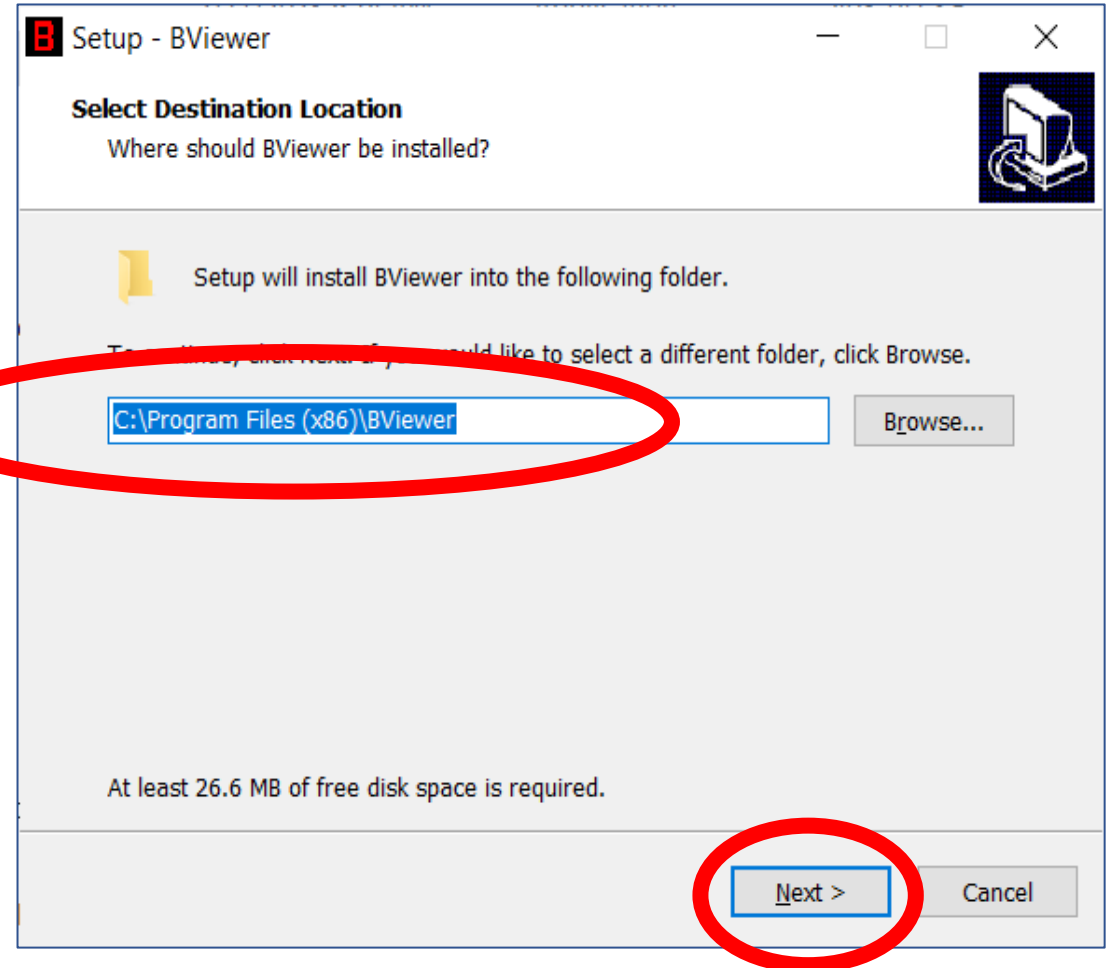- Click on Downloads.

You should see the 2 files that you downloaded earlier, along with other downloads on your computer.

Install BViewer

- Open BViewer-setup.exe from the Downloads folder.
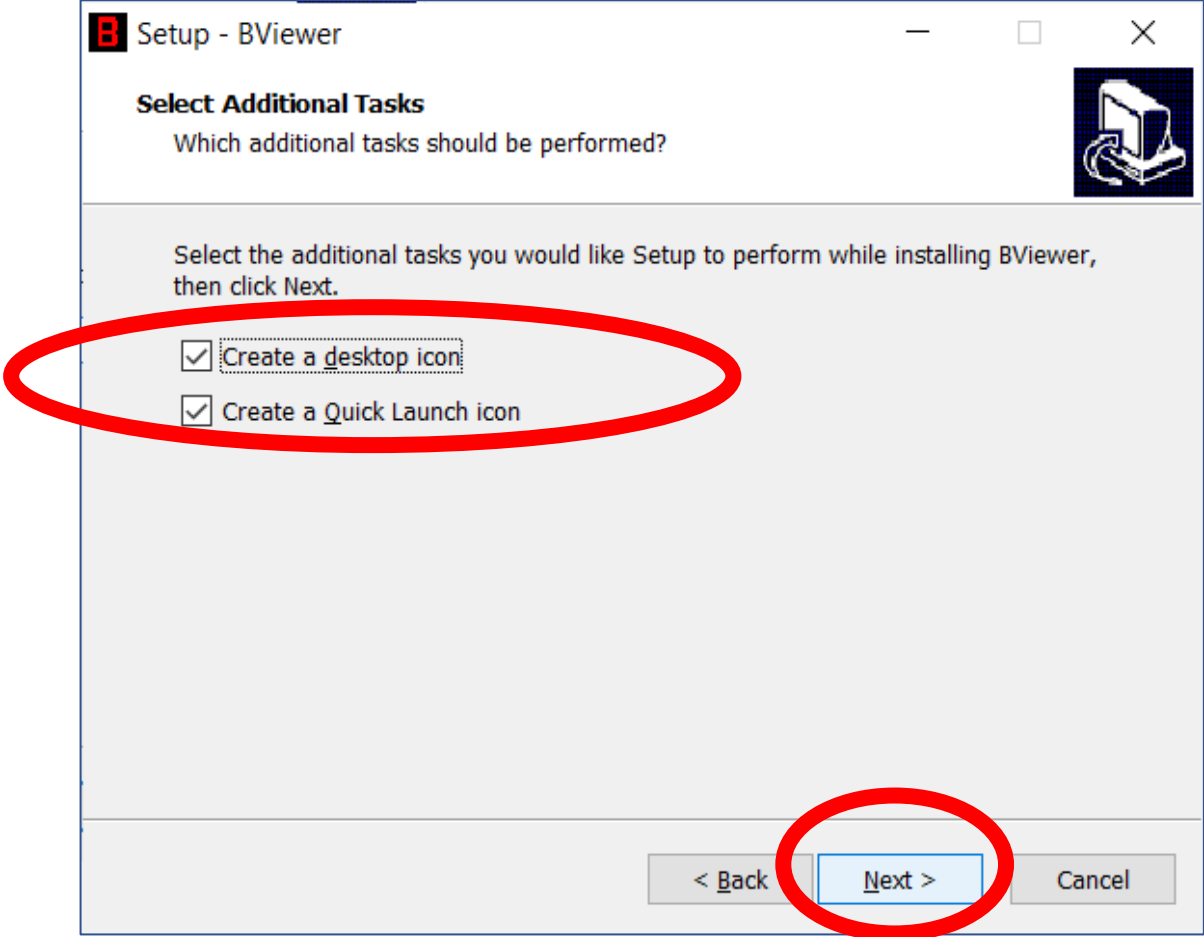- Install in the default folder "C:\Program Files (x86)\BViewer\.
- Click Next

You will need administrator rights to install BViewer.

Install BViewer

BViewer will create a desktop icon and quick launch icon.

- Click Next

Install BViewer

BViewer is now ready to install.

- Click Install
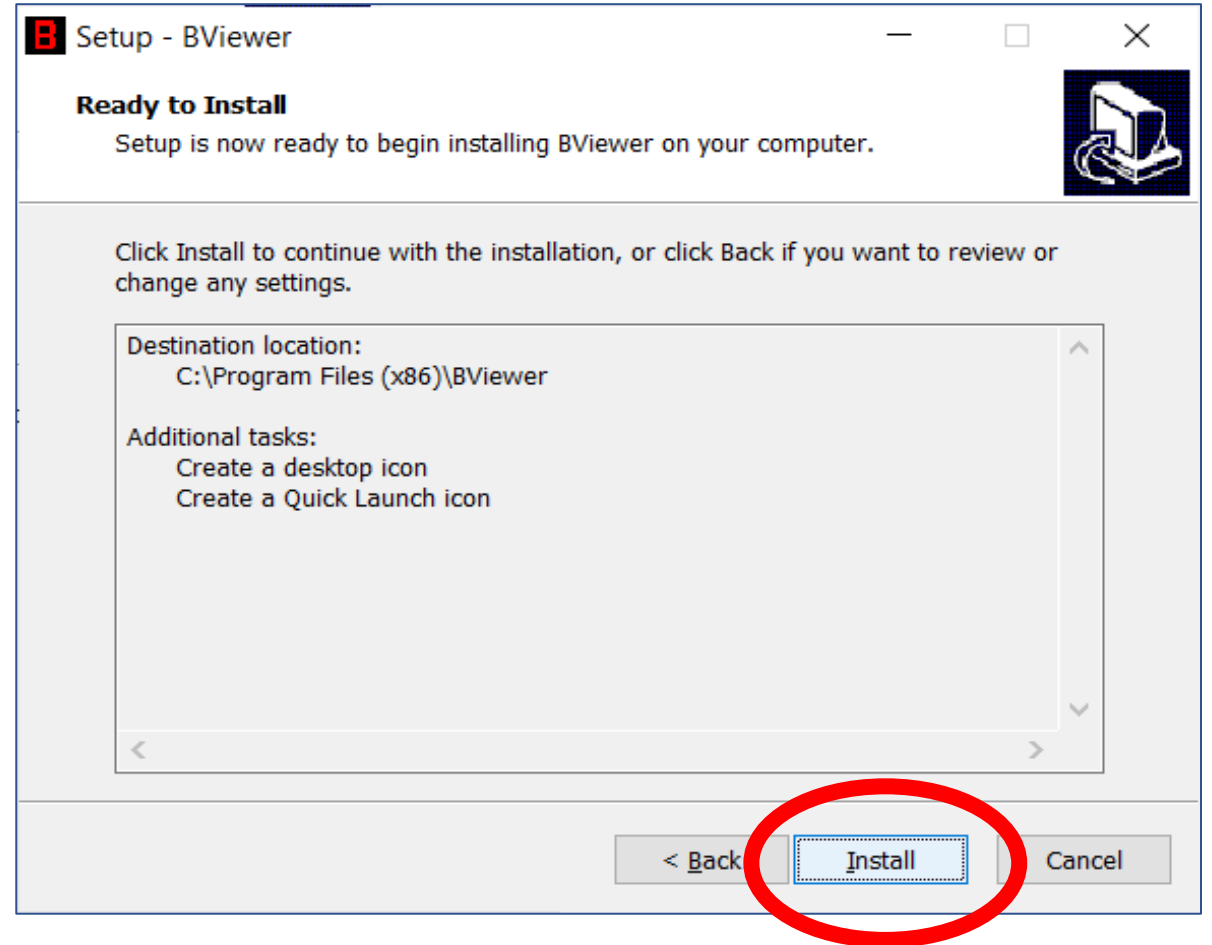
Install BViewer

- Click Finish to close the installer.
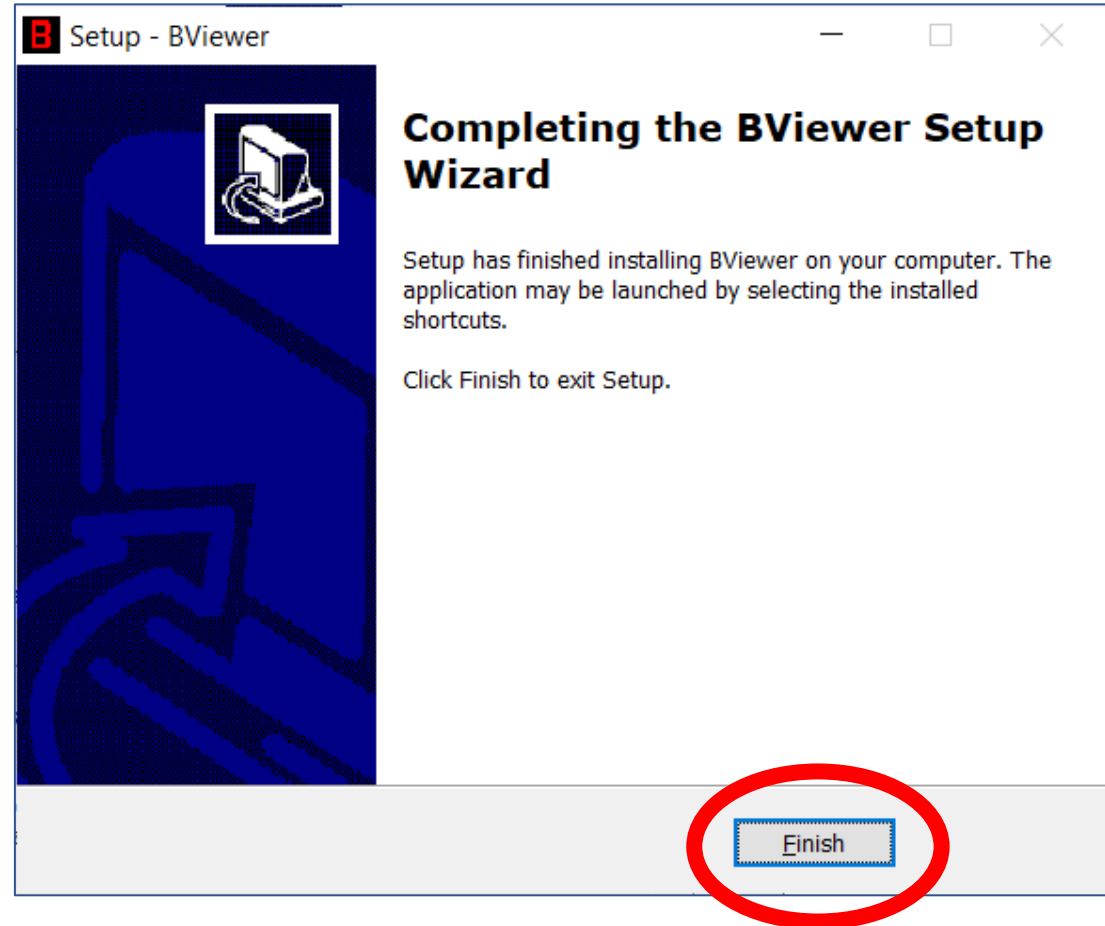
Install Syllabus & ILO Standard Radiographs

- Open BViewerSyllabus.exe from the Downloads folder.

This is a self extractable 7-Zip file that will install the radiographs in BViewer.
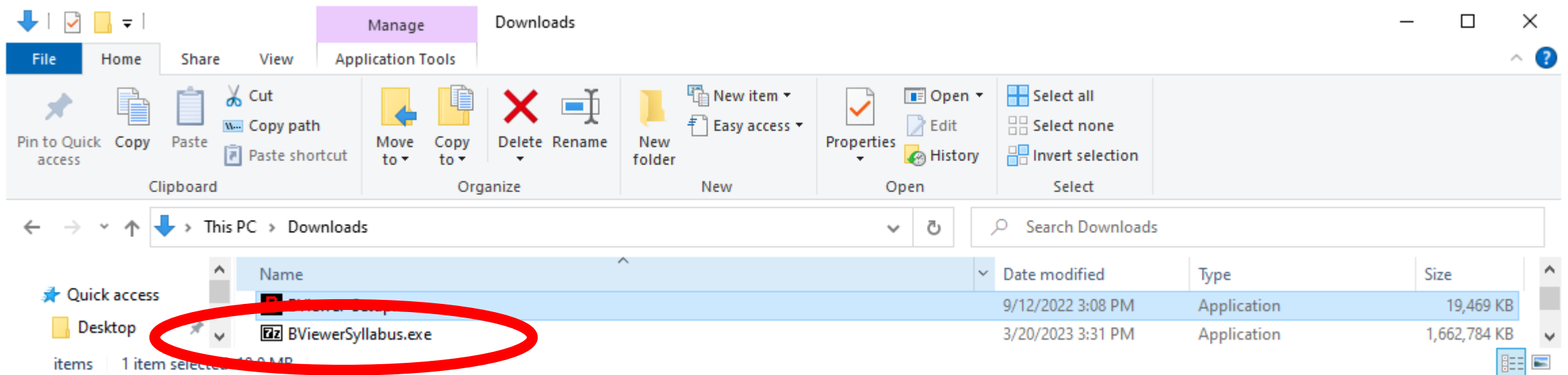
Install Syllabus & ILO Standard Radiographs

- Change the destination folder to C:\.
- Click Extract
- When prompted, overwrite any files (i.e. BViewer.cfg) that already exist.
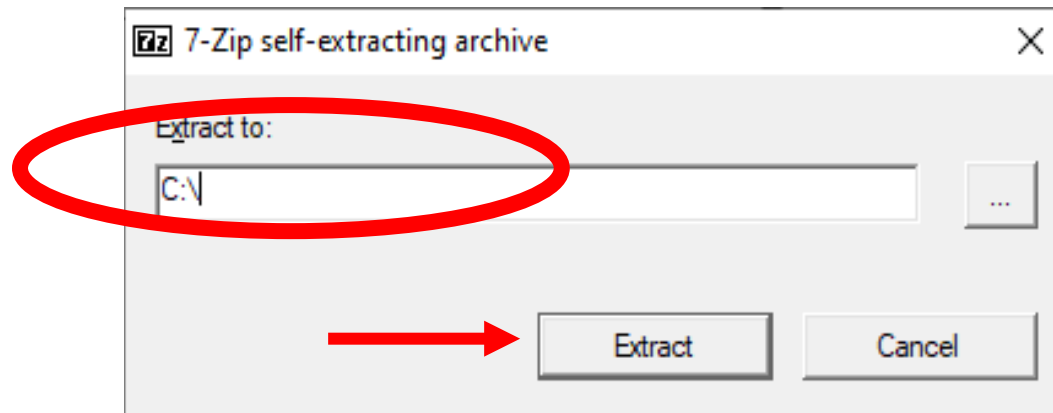
Open BViewer

- Open BViewer from the Windows Start Menu.
- Click OK on the disclaimer.
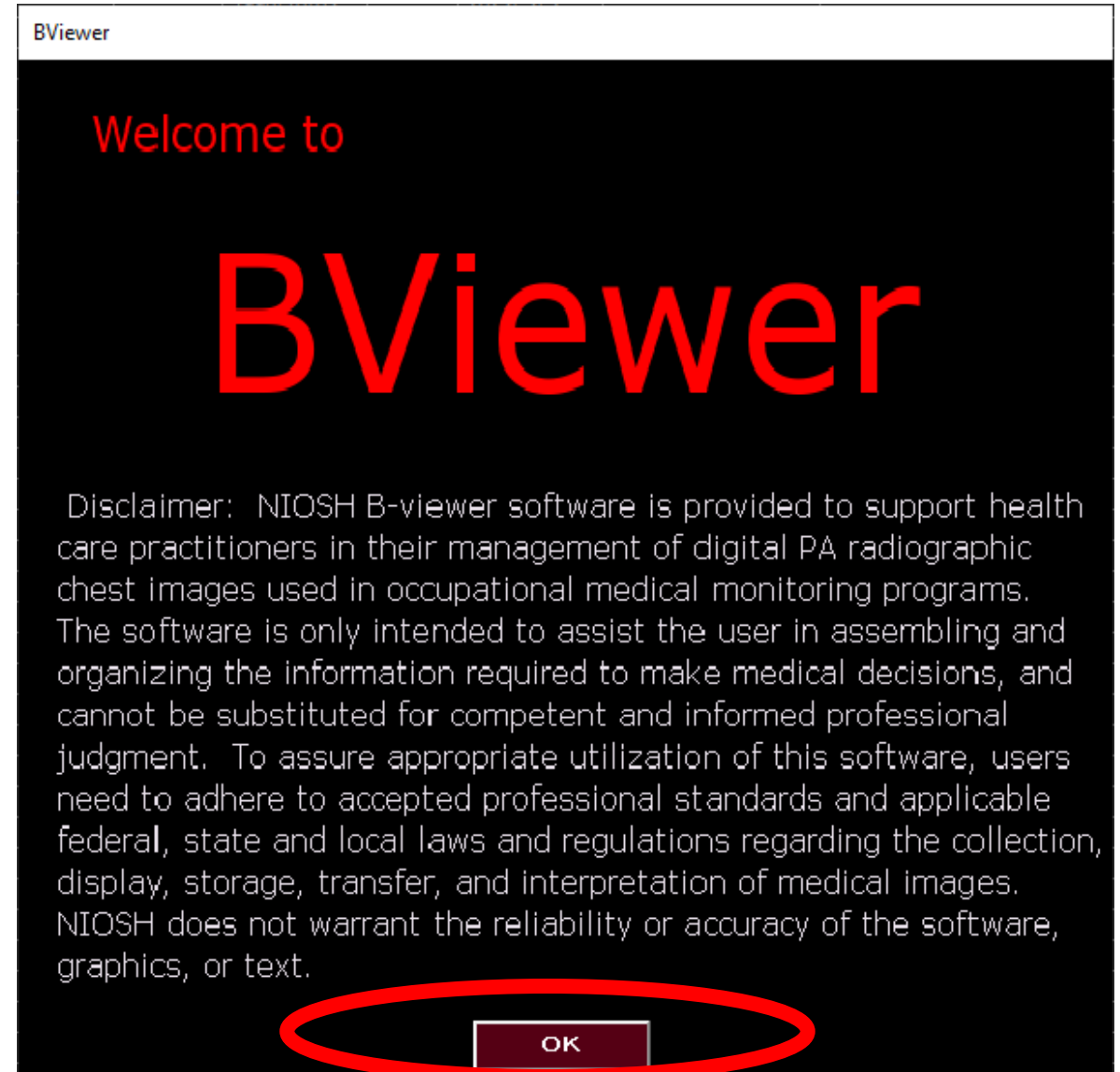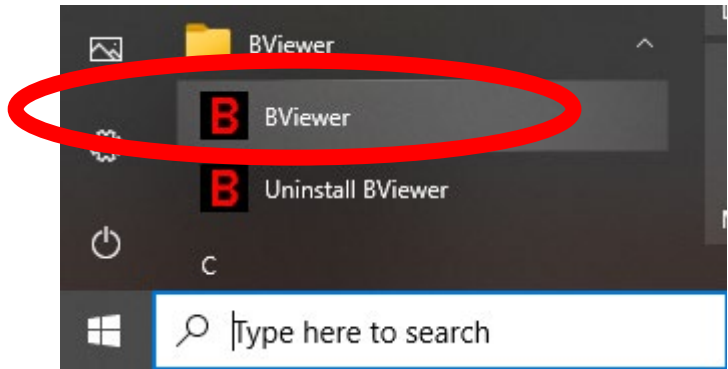
Setup BViewer

Under Reader Identification:
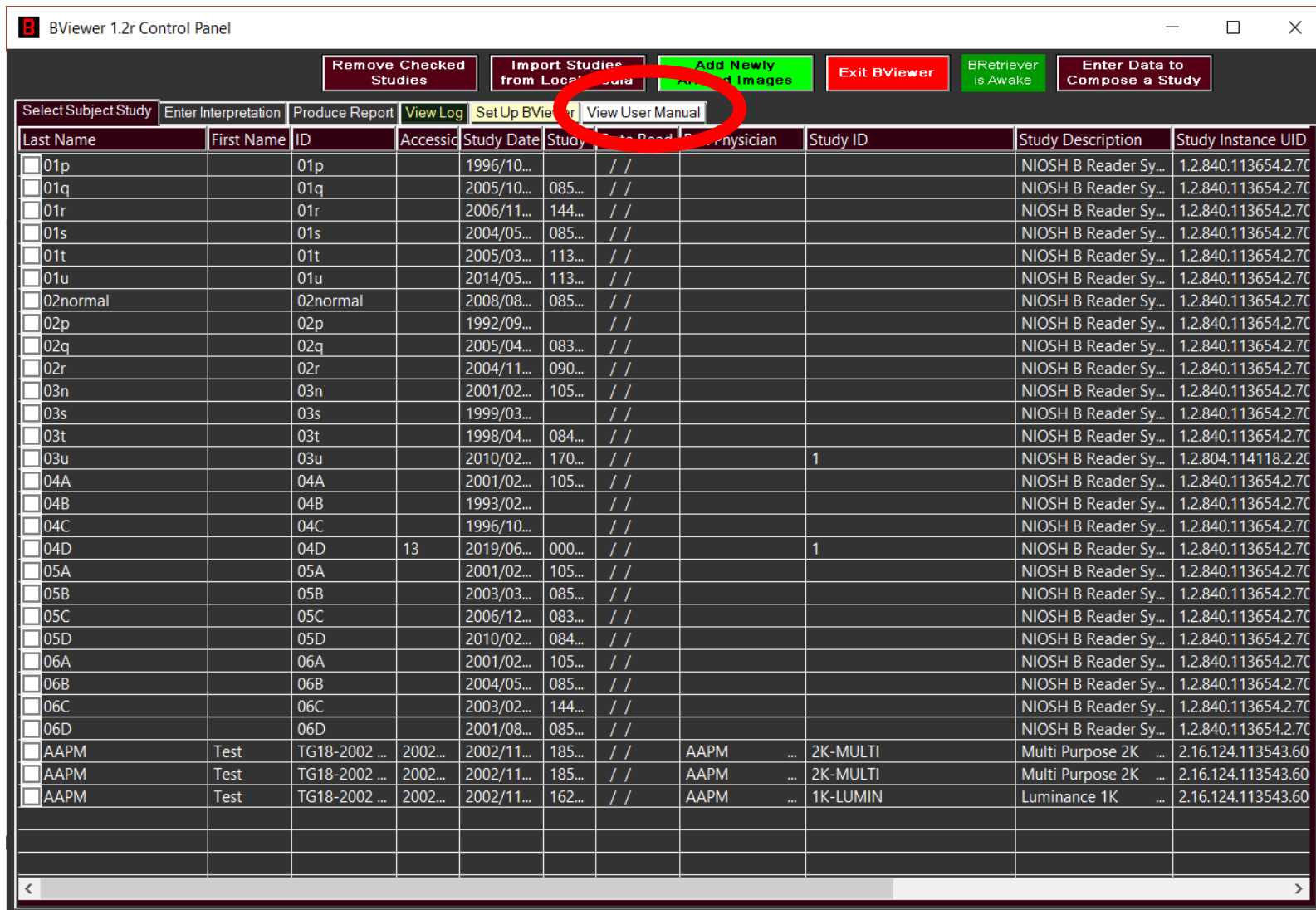
- Enter a last name only.
- Enter a full name only.

Everything else can be left blank for the syllabus.
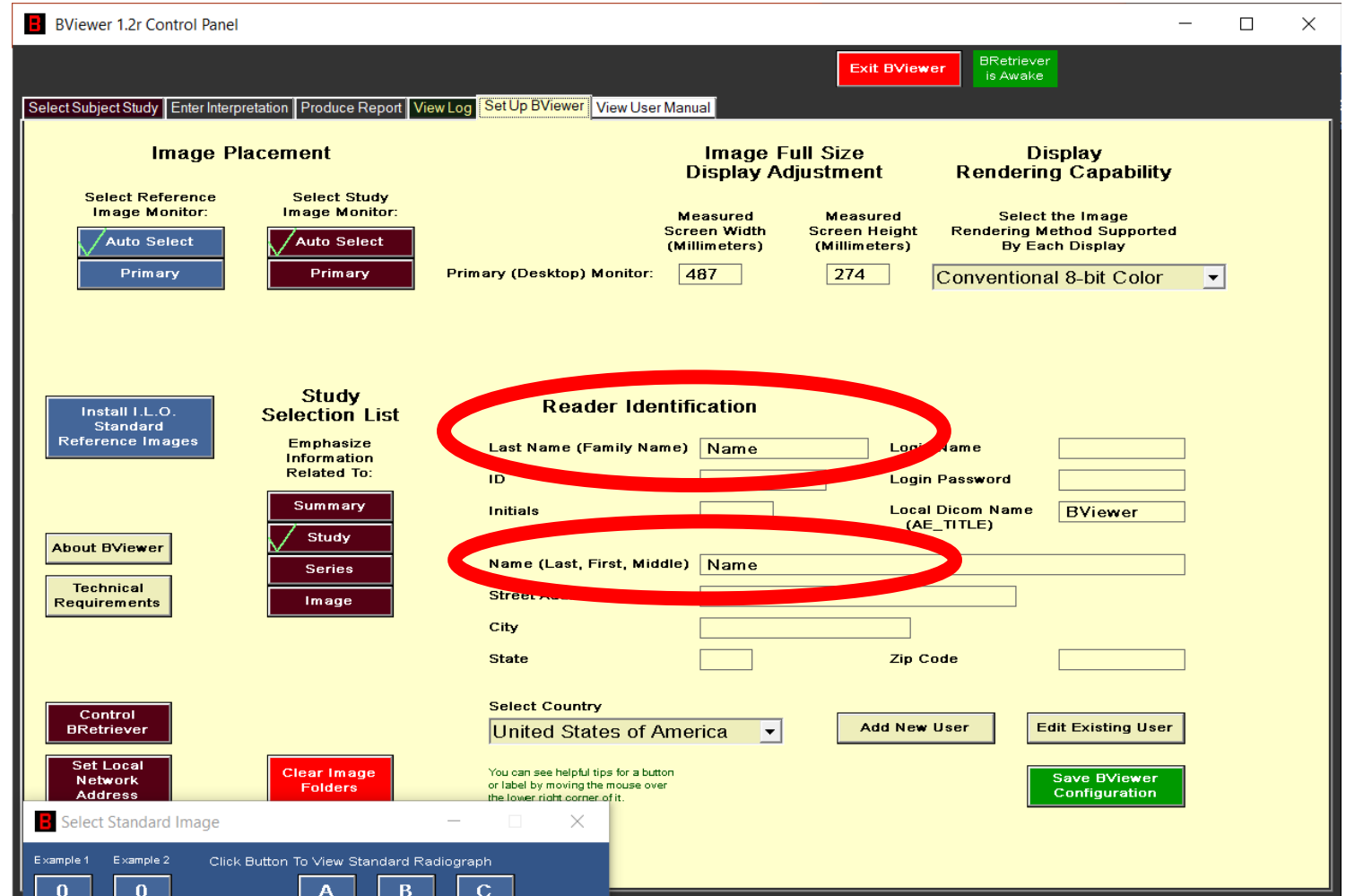
Viewing and Manipulating Images

- View User Manual starting with Viewing and Manipulating Images.

Sample Workstation

Below is a picture of a Bviewer workstation.
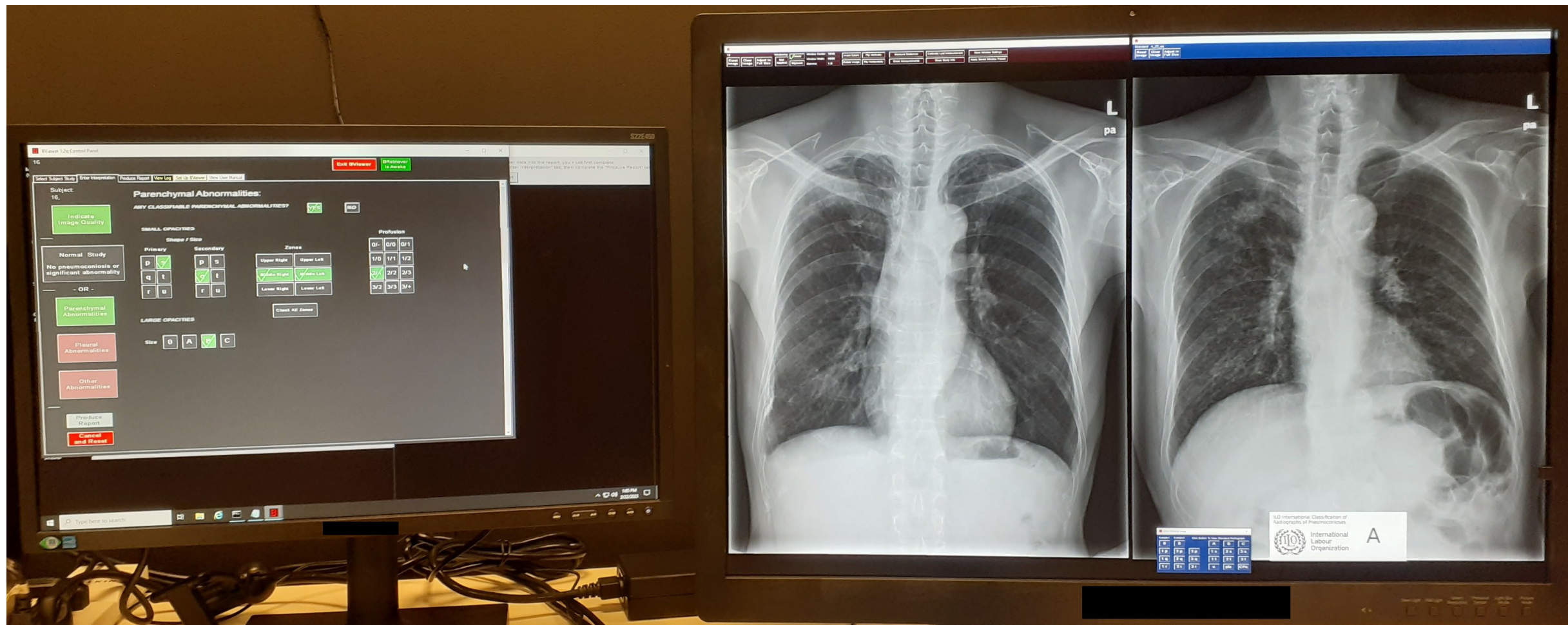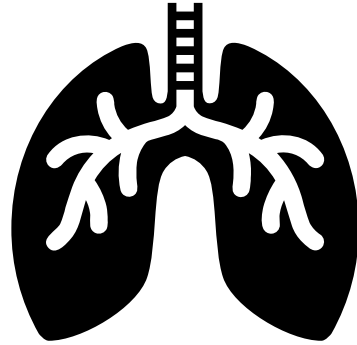
This is the end of the BViewer instructions.

Questions? Contact CWHSP@cdc.gov.