

Using Vitria Core for viewing outside PET studies

Version 4/2/11

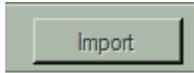


Launch vital (vitria core) from desktop in reading rooms
or from citrix-> imaging apps -> vitria core

You can only import CD data from the desktop (non-citrix) version. To do so, insert the CD, and choose

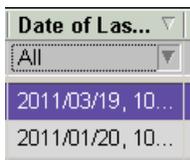


Import at the top right, then browse (if needed) to select the (top level) CD. DICOM files

should automatically be identified to import. Press the rectangular import button ; the process can take up to 5 minutes (on most PCs, green light on CD drive should flash for a while, then the "importing" status bar will start to fill). Close the import window when done.

Once data is imported (by you or others):

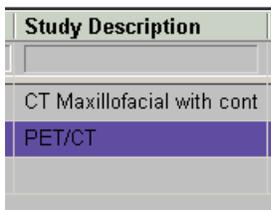
In middle/upper of display, under date of last study popup, select all



At the top left, enter part of the patient last name (or last, first)



Double click on patient name (if more than one instance, look at study description)



To use standard viewer – set to 2-pane (if not already set that way) using upper left pop-up



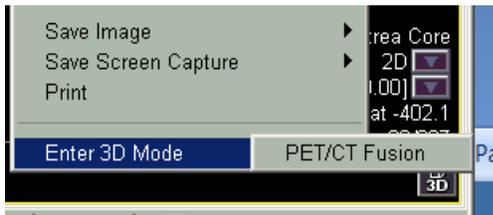
In the cluster of 3-4 pop-ups at the upper left of each image, use the lower left one to select the PET in the pane, and the CT in the other pane.



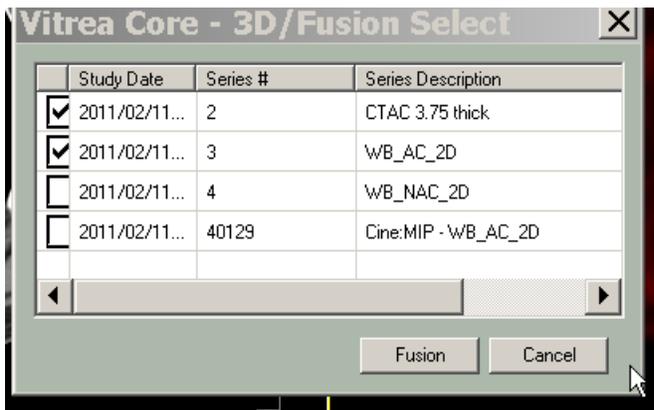
Right click on the image, and select Lock All.

The slider at the right side is zoom. If you hold the right mouse button down, you can drag to scroll. It scrolls one slice at a time, so the PET and CT may or may not scroll together (they may fix this). The PET may or may not change intensity on each slice (this is fixed in the advanced viewer below)

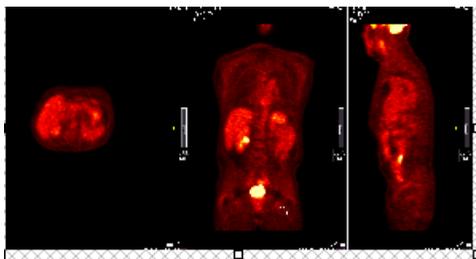
To use the dedicated PET/CT viewer instead, right-click on the PET image (or CT image) and choose Enter 3D mode -> PET/CT fusion



If it says you cannot fuse, you have a problem. Otherwise, pick the series to fuse



Then click fusion, and wait: you should see an MPR screen, with transaxial, sagittal and coronal images.



The slider at the right of each image is zoom. The slider at the bottom is slice thickness. Note the toolbar at the top of the images:



This allows easy switching between pure PET, pure CT, or fused.

To window the PET use the tool buttons at the upper left



Press the PET WinLev, hold down the left-mouse button, and drag left-right to change upper level only.

You can do the same with the CT WinLev button, but you instead probably want to use the pre-sets at the bottom right of the image – there is one set for CT and one for PET, with pop-ups for each.



Scroll by right-clicking and dragging, or by using up/down arrows.

J Wallis