How to Stitch Images Within The Opal Viewer

1. Launch the Opal Viewer from the studylist.
2. Click the Stitch icon in the viewer menu. Figure 1

   Note: All images must be loaded before Stitching can begin!

3. Drag and drop the 2 images in the “Stitching Screen” from the thumbnail images. Figure 2

4. The instructions in turquoise blue font will help assist in specific movement regarding drag to move, rotation, and adjusting the center of rotation. Figure 3
5. Perform your operations to line the images up. The following menu is explained:

- **Manual Focus:** Allows user to manually zoom and pan the soon-to-be-stitched images.
- **Auto-Fit All:** When applied, will fit ALL of the soon-to-be-stitched images to the window.
- **Auto-Fit Stitch:** When applied, will fit only the common areas of the 2 soon-to-be-stitched images
- **Collimation [mm]:** Allows you to customize the area to be stitched and will display as such in the final saved stitched image.
- **Jump Left/Right/Top/Bottom:** Jump moves the highlighted images accordingly. Left/Right/Placed on top of other image/or Placed on the bottom.
- **Preview:** Preview image before stitch is committed.

6. Click **Stitch** on the menu above when completed. Figure 4
7. Type a new **Series Description**. Figure 5
8. Click **Stitch**.

The software will perform a series of tasks indicated by the color red in process then green complete.

- **Stitch:** stitches the images
- **Build DICOM** (this builds the DICOM tag for the image)
- **Submit to PACS** (image submitted to the PACS)

9. Once progress is complete, it will state “**TRANSFER COMPLETE**”, the stitched image is now listed as a thumbnail.