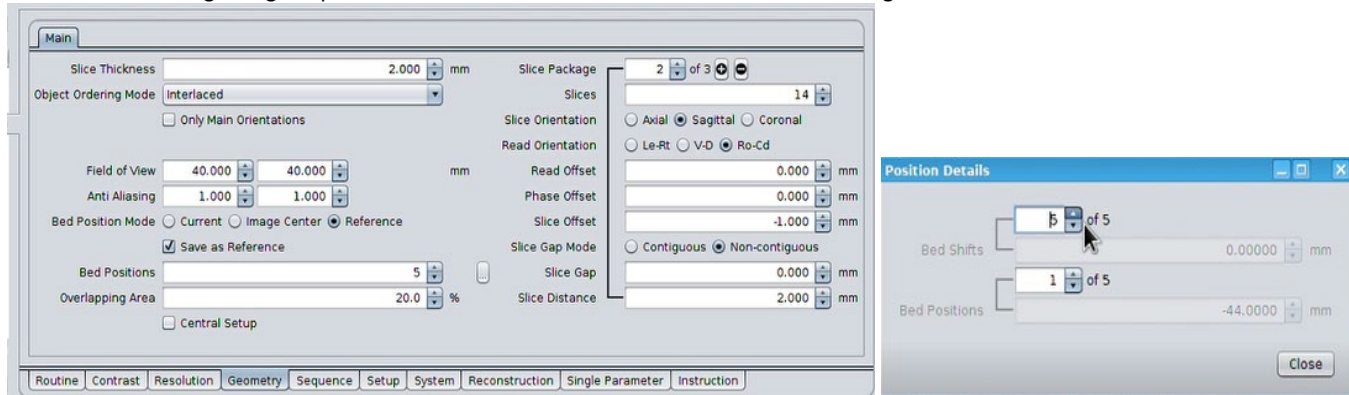# Standard Operating Procedure (SOP) for PV360.2.0.pl - Example Image Stitching *(mouse full body)*

See SOP Study Initiation Protocol for more information on how to start image acquisition.
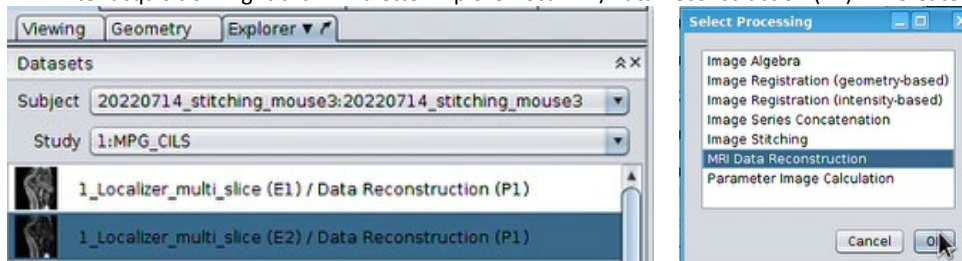
1. Imaging: Drag to instruction window the scan of interest. In this example, we'll work with the Multislice Localizer
   - Geometry Card**:** we can adjust slices (number, orientation, thickness, gap, distance) and bed positions (should be >1 for stitching)
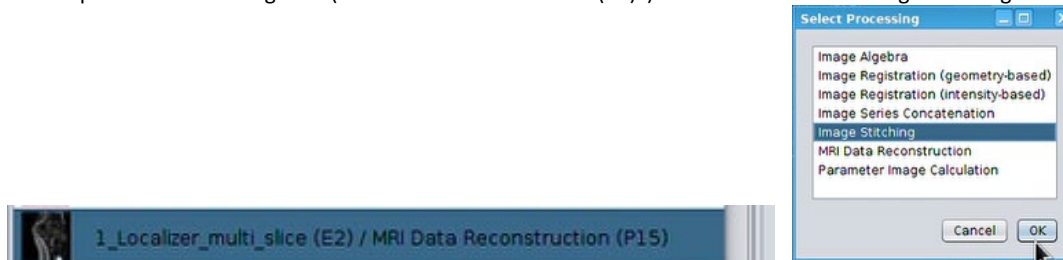   - More details regarding the position and bed shift distances can be visualized if clicking on the "…"
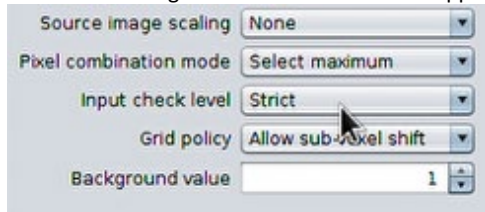

2. Stitching:
   - After acquisition: right click in Palette>Explorer>Scan EX/Data Reconstruction (P1) → Create Image Series… > MRI Data Reconstruction > OK
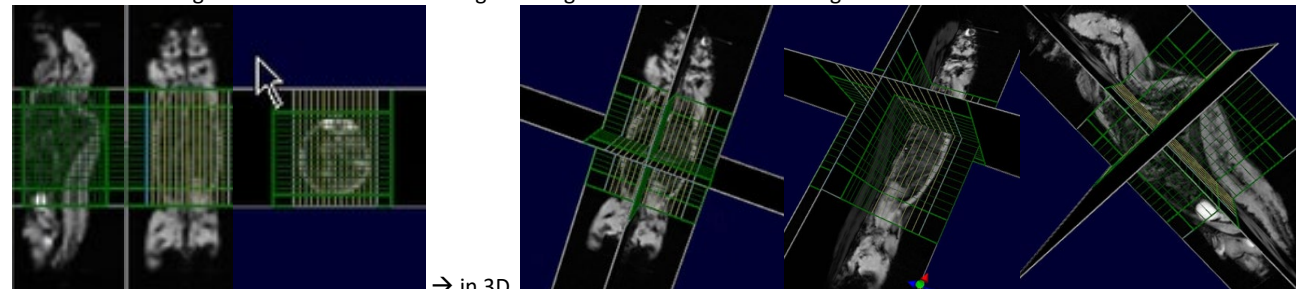

   - Repeat in the resulting scan ("MRI Data Reconstruction (P2)") but this time select "Image Stitching"

   - The stitching reconstruction menu will appear (these are the suggested parameters), select Execute when done

   - Check the images to make sure the resulting stitching makes sense before saving them

→ in 3D

3. Back-up & Export of image data (automatically in the large storage drive)
   - Additional options to save as raw Bruker files or DICOM or Nifti via **Palette > Explorer >right click>'Export to…'Topspin'/'Dicom'/'Nifti'**….