



Spatial Transforms

Many of the functions available in this section are also available in Input/Output under the Process tab.

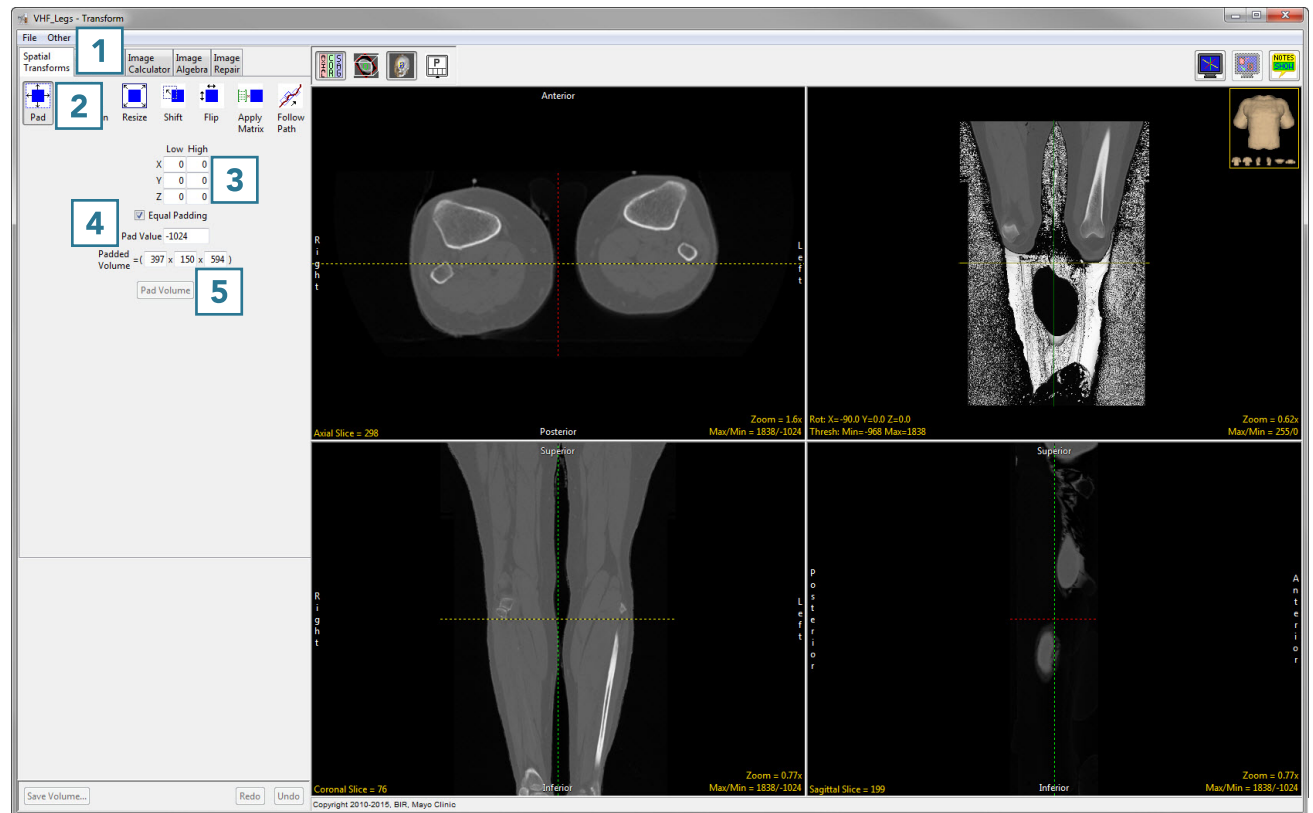
Pad

The Pad tool can be used to add blank slices around the original data set. This may be necessary to create a data set with certain dimensions or with the same number of slices in each dimension.

- Select the data set to crop and open Transform. Navigate to Spatial Transforms **1** and select the Pad tool. **2**
- To add a given number of slices to the low or high end of the data set in any dimension, type the number of slices to be added in the appropriate boxes **3** and the padded volume dimensions will be updated.
- To change the intensity value of the added slices, change the Pad Value. **4**
- To set the padded volume dimensions, change the numbers in the appropriate boxes **5** and the low and high number of slices in each dimension will update automatically.



Download the VHF_Legs data set to follow along <http://analyzedirect.com/data/>



- Once the dimensions have been changed from the original dimensions, the Pad Volume button will update.
- Click Pad Volume to apply the changes. **6**

| | Low | High |
|---|-----|------|
| X | 0 | 0 |
| Y | 123 | 124 |
| Z | 0 | 0 |

Equal Padding

Pad Value

Padded Volume = (x x)

Pad Volume **6**

- Click the Save Volume button to save the padded volume to the workspace. To retain the original volume, choose to create a new workspace volume **7** and click Save Volume. **8**
- Close Transform.

