



IMPAX 6.5.1 Quick Reference: Spine Annotation

Configuring spine labeling defaults


1. If setting preferences for other users, impersonate the user or role.
2. Display axial images in the Image area.
3. Press **F12** or, from the Image area top toolbar, click **Customize**. 
4. In the Customize dialog, switch to the **User Profile** tab.
5. On the User Profile tab, switch to the **Spine Annotation** tab.
6. To select labeling preferences, from the **Spine Type** list, select the area of the spine.
7. Select the labeling preferences.
8. Repeat steps 5 to 7 for each spine type you want to label.
9. From the Starting Label list, select the level of the spine you want to start labeling.
10. Determine where you want labels applied.
To apply labels to all co-related series, select the **Apply labels in 3D** option.
or
To have labels only applied to the image you are labeling and no others, select the **Only apply labels to image I am labeling** option.
11. To display default lines for the height and angle of the perimeter box when labeling, select the **Show lines when labeling** checkbox.
12. To set the spine size percentage relative to the default spine size, from the list, select a percentage.
13. To save the settings and close the dialog, click **OK**.

14. To save the changes and close the Customize dialog, click **OK**.



Configuring session-based spine labeling preferences

1. From the Image area context or top toolbar, click **Spine Annotation**. 
or
If using the context toolbar text menu (Ctrl + right-click), select **Markup > Spine Annotation**.
2. In the Spine Annotation dialog, from the **Current Label** list, select the level of the spine that you want to start labeling at.
3. To label from the inferior to superior of the spine, select **Label Inferior to Superior** checkbox.
or
To label from the superior to inferior of the spine, clear the **Label Inferior to Superior** checkbox.
4. To label vertebrae only, select the **Label Vertebrae** checkbox.
5. To label discs only, select the **Label Discs** checkbox.
6. To display default lines for the height and angle of the perimeter box when labeling, select the **Show lines when labeling** checkbox.
7. If required to facilitate labeling spines with extra vertebrae, select the **Include C8** and/or the **Include L6** checkboxes.



Applying spine labels

1. Display a CT, MR, or other spine study that contains sagittal images.
2. Click a sagittal (or possibly coronal) image to label.
3. From the Image area context or top toolbar, click **Spine Annotation**. 
or
If using the context toolbar text menu (Ctrl + right-click), select **Markup > Spine Annotation**.
4. In the Spine Annotation dialog, change any session-based preferences as required.
5. To apply the labels, single-click on the correct position of the spine.
6. When applying labels, you can also:
7. When all labels are placed, close the Spine Annotation dialog, by right-clicking the mouse or clicking **Close**.
8. If required, save the spine labels.



Repositioning spine labels

1. From the Image area context or top toolbar, click **Spine Annotation**. 
or
If using the context toolbar text menu (Ctrl + right-click), select **Markup > Spine Annotation**.
2. In the Spine Annotation dialog, click **Move Labels**. 
3. Select a label (for example, L5) and with the mouse, move it to the required horizontal position.

Changing the size of the spine label perimeter box

1. In the Spine Annotation dialog, if the **Change Angle** toggle  is enabled, click it so the **Change Size** toggle  is enabled.
2. Use the mouse scroll to adjust the size of the box.

Changing the angle of the spine label perimeter box



1. In the Spine Annotation dialog, if the **Change Size** toggle  is enabled, click it so the **Change Angle** toggle  is enabled.
2. Use the mouse scroll to adjust the angle of the box.

Deleting spine labels

1. From the Image area context or top toolbar, click **Spine Annotation**. 







or

If using the context toolbar text menu (**Ctrl** + right-click), select **Markup > Spine Annotation**.

2. To delete one label in a level for 3D:
 - a. In the Spine Annotation dialog, click **Erase Label**. 
 - b. Click on a label so a square box is positioned over the labels.
 - c. Click the label you want to delete.
 - d. Repeat step c as required.
 - e. To disable deletion mode, click **Erase Label**. 
3. To delete all labels in all levels, in the Spine Annotation dialog, click **Erase All Labels**.



Common spine labeling tools

Button	Name	Use
	Change Angle	Adjusts the angle of the spine label perimeter box
	Change Size	Adjusts the size of the spine label perimeter box
	Erase Label	Deletes selected spine labels
	Erase All Labels	Deletes all spine labels
	Move Labels	Move selected spine label to another position
	Spine Annotation	Apply spine markers to axial CR, CT, or MR images to indicate which section of the spine an image intersects