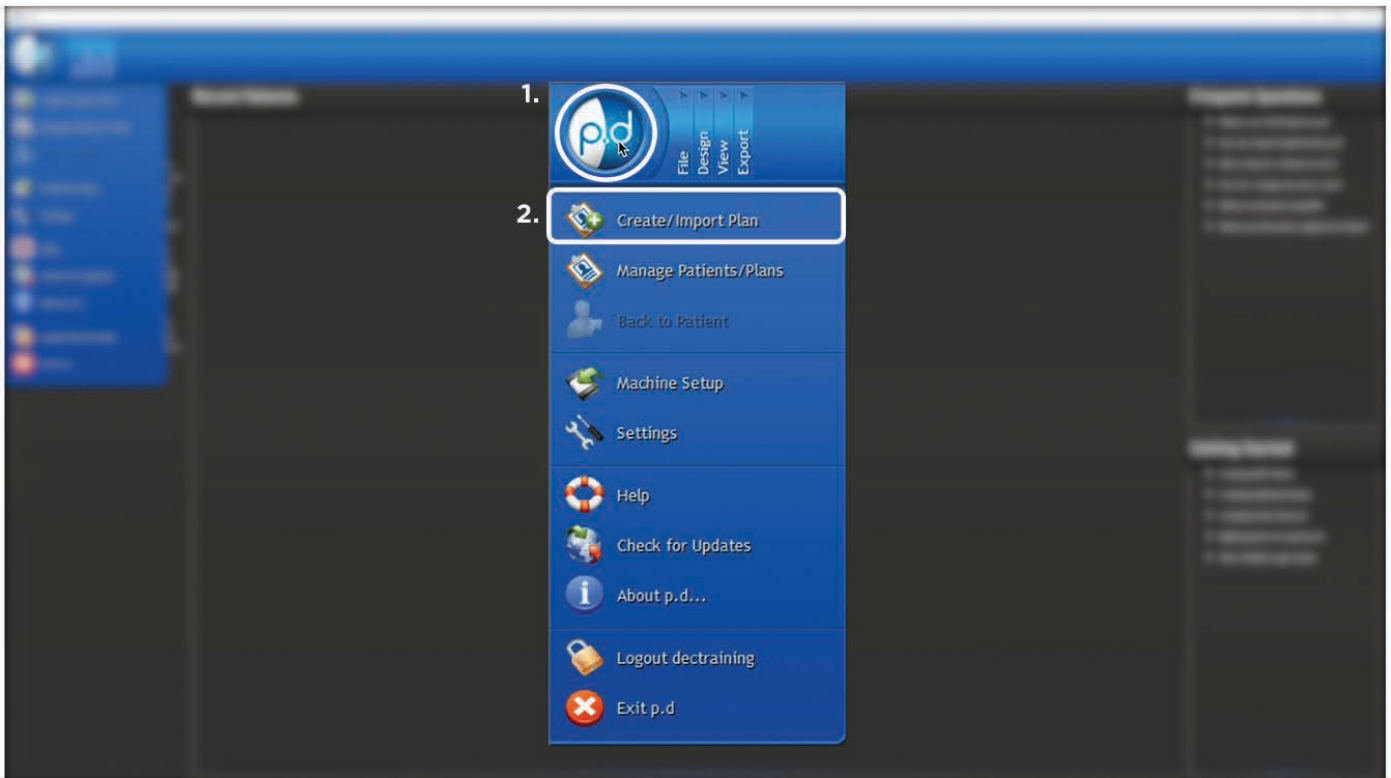


In this walkthrough, you will learn how to create an aperture from a clinical block setup.

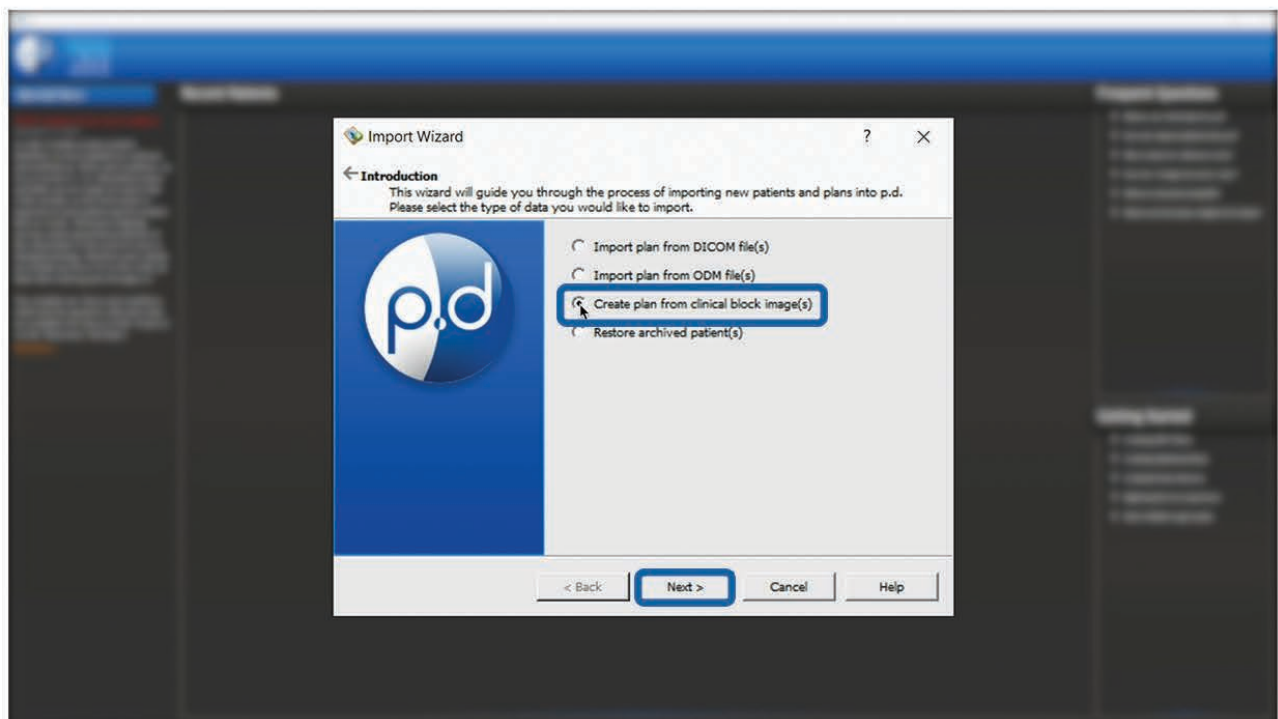
This guide assumes you've already drawn on the .decimal provided template.

Import Wizard

After you have logged into p.d, click the p.d menu button at the top left of the screen. This brings up a list of menu options. Click on the "Create/Import Plan" button to open the Import Wizard.



In this window, click the “Create plan from clinical block images” option and click the “Next” button.



On this screen, you will need to fill out the medical record number, select your machine name (the one you will be using to treat) and your plan name.

The screenshot shows a software window titled "Import Wizard" with a subtitle "Create Clinical Setup Patient". The window contains the following fields and controls:

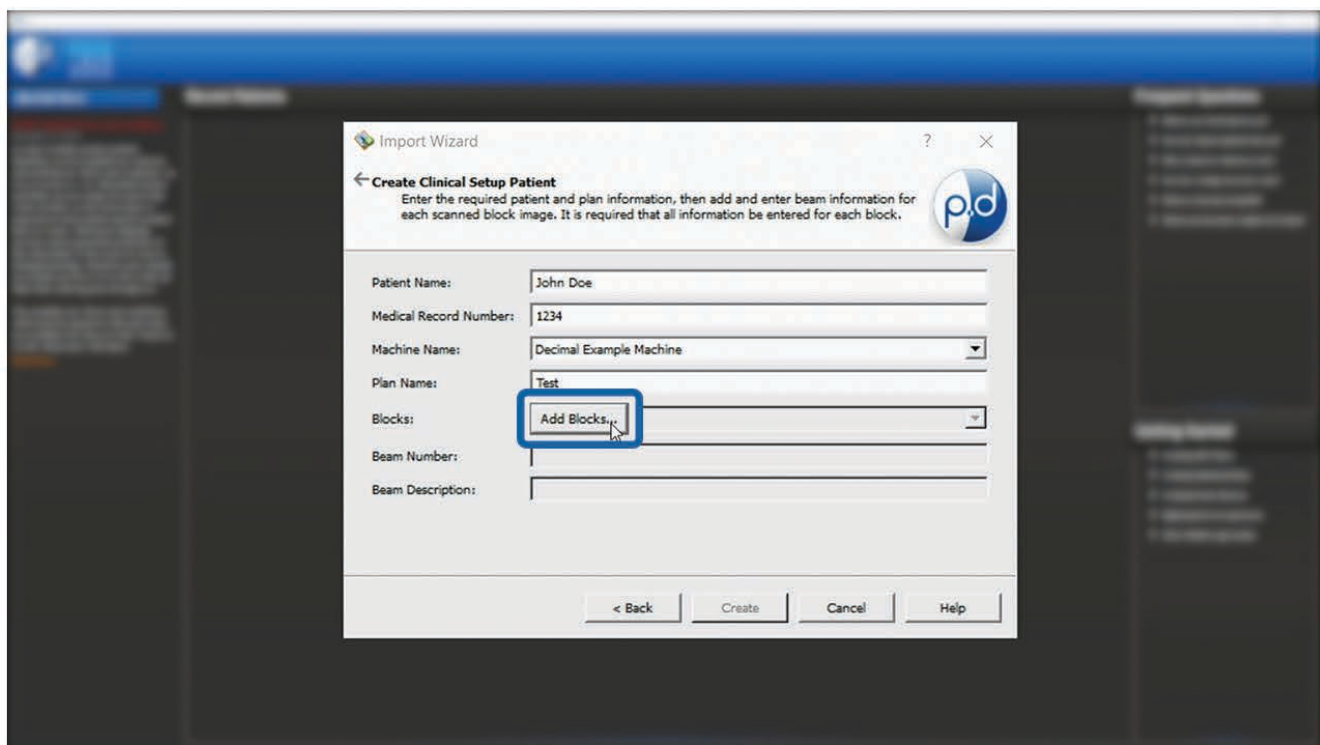
- Patient Name:** Text input field containing "John Doe".
- Medical Record Number:** Text input field containing "1234".
- Machine Name:** Dropdown menu showing "Decimal Example Machine".
- Plan Name:** Empty text input field.
- Blocks:** A button labeled "Add Blocks..." followed by a dropdown menu.
- Beam Number:** Empty text input field.
- Beam Description:** Empty text input field.

At the bottom of the dialog, there are four buttons: "< Back", "Create", "Cancel", and "Help".

Note: .decimal does not need any identifiable information to digitize and manufacture the device, so p.d already anonymizes the patient for you.

Next, click the “Add Blocks” button.

Navigate to the file using the file explorer window and select the image you wish to digitize. Once found, click the “open” button.

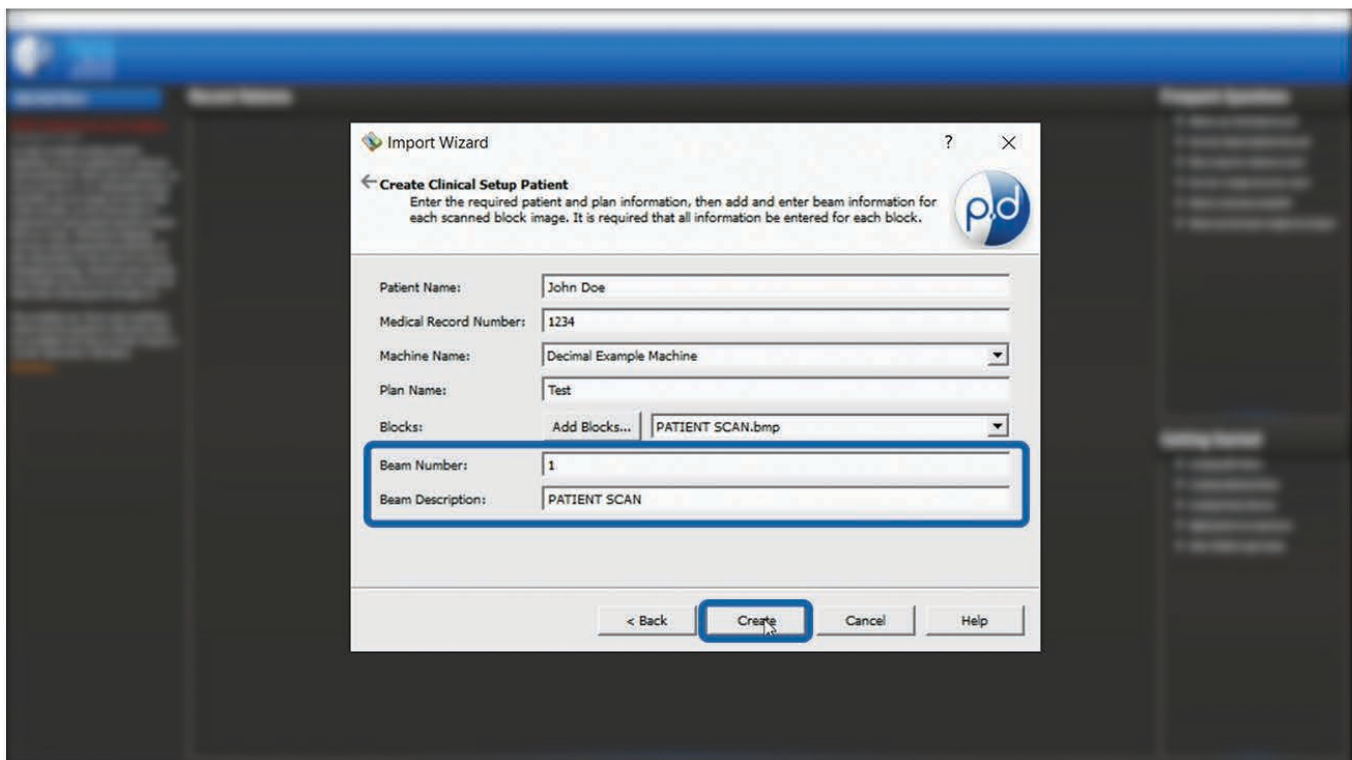


Note: The name of the file will populate the beam description automatically and can be edited.

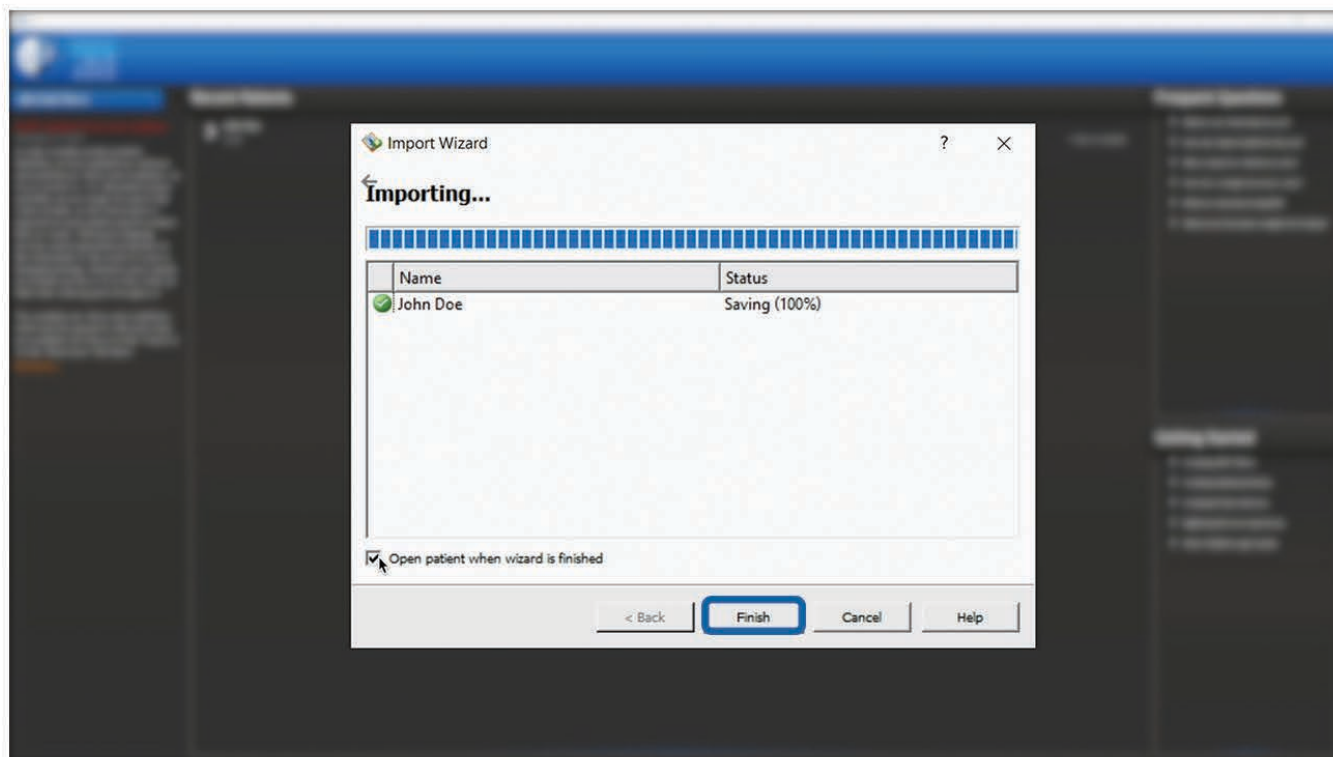
Finally, add a beam number.

Note: If more images need to be digitized, repeat the steps for additional images by clicking “add blocks” for each image. Then, select the image from the drop down, add the beam number or edit the beam number, and edit the description for those additional images.

After this, you can then click the “Create” button. This will take you to the next page.



Make sure the “Open patient when wizard is finished” box is checked and then click the “finish” button.

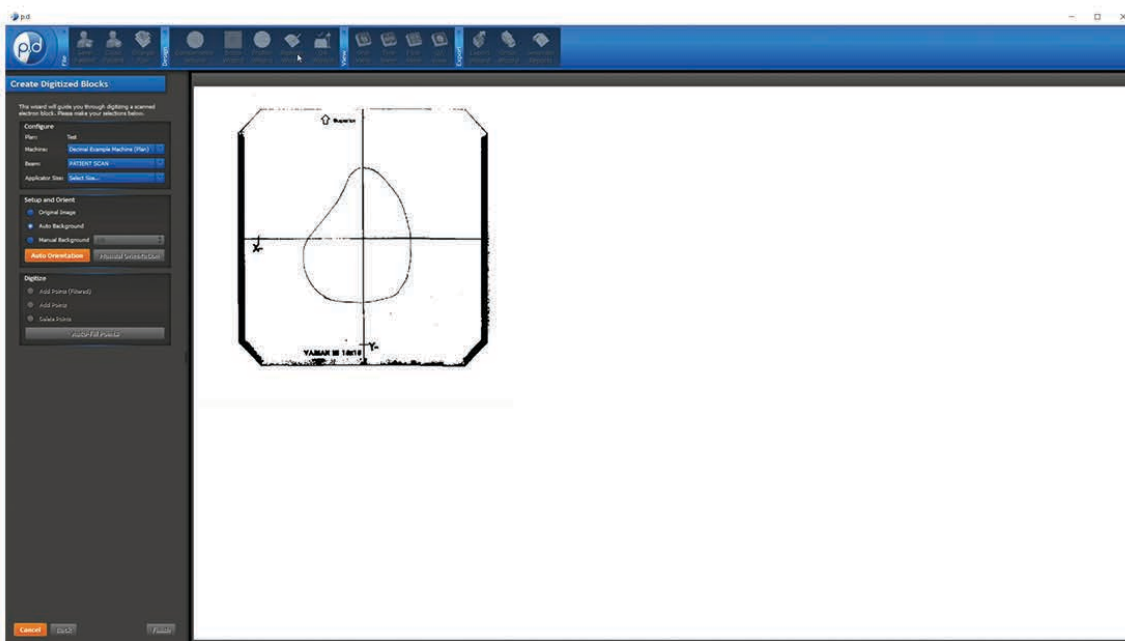


Digitizer Wizard

From this screen, navigate to the top bar in p.d and click the “Digitizer Wizard” button.

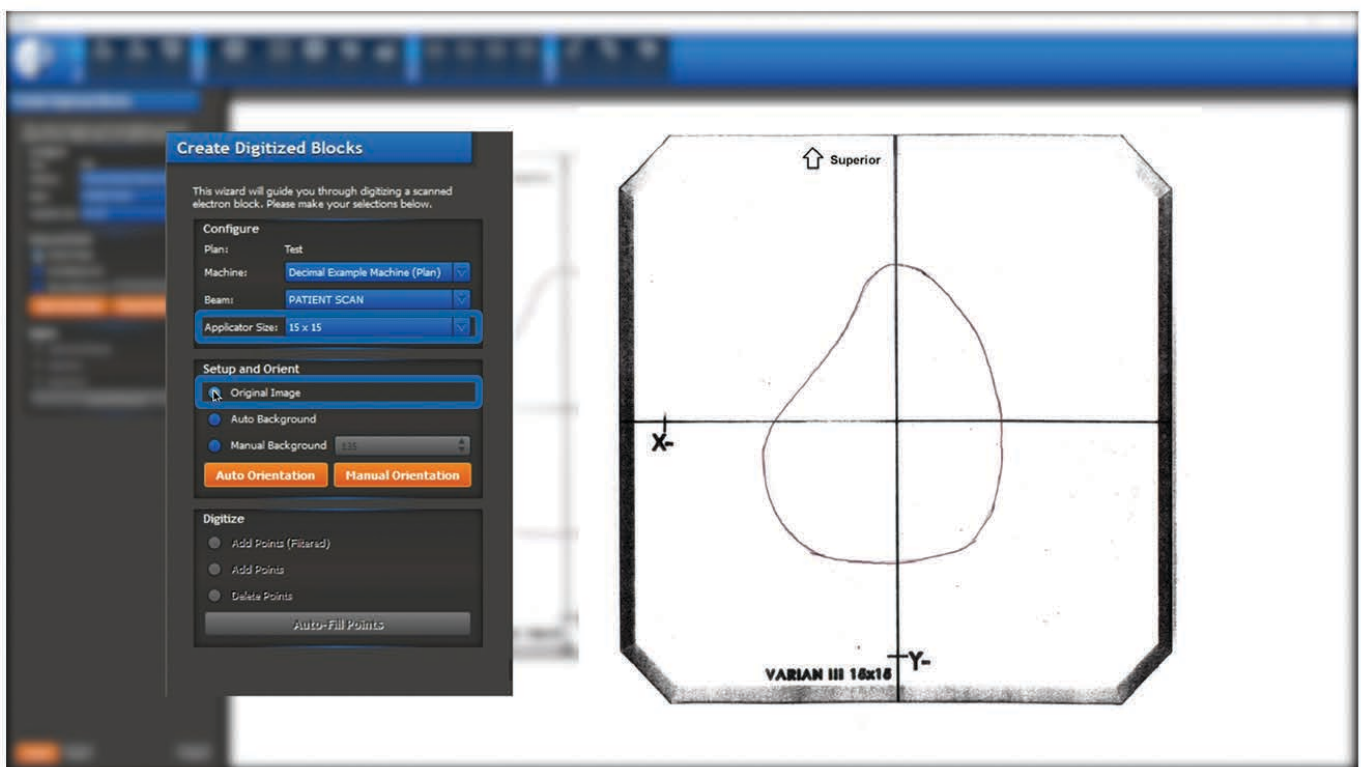


This now shows the scanned drawing you imported earlier. To reposition the image, click & hold the right mouse button, and drag the image into position. To zoom in and out, position your arrow to the location of interest and use the mouse scroll wheel to adjust the zoom.



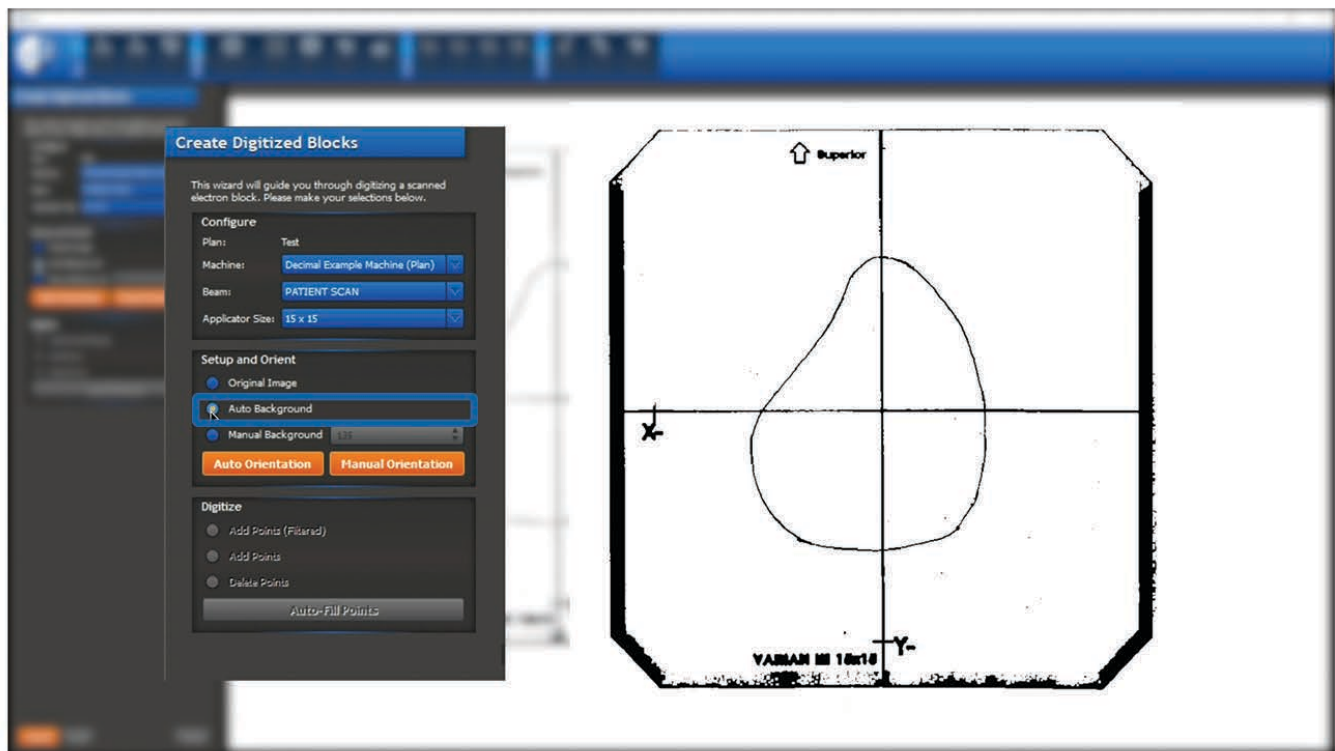
Note: If more than one block is to be digitized, select the beam description of the block image from the beam drop down menu located within the configure section.

Next, you need to select the applicator size from the drop down menu that matches the template size used for the drawing. This brings you to the “Setup and Orient” screen. Here, you have three options to choose from. Choose the option that provides the best image contrast for showing clear lines while digitizing.



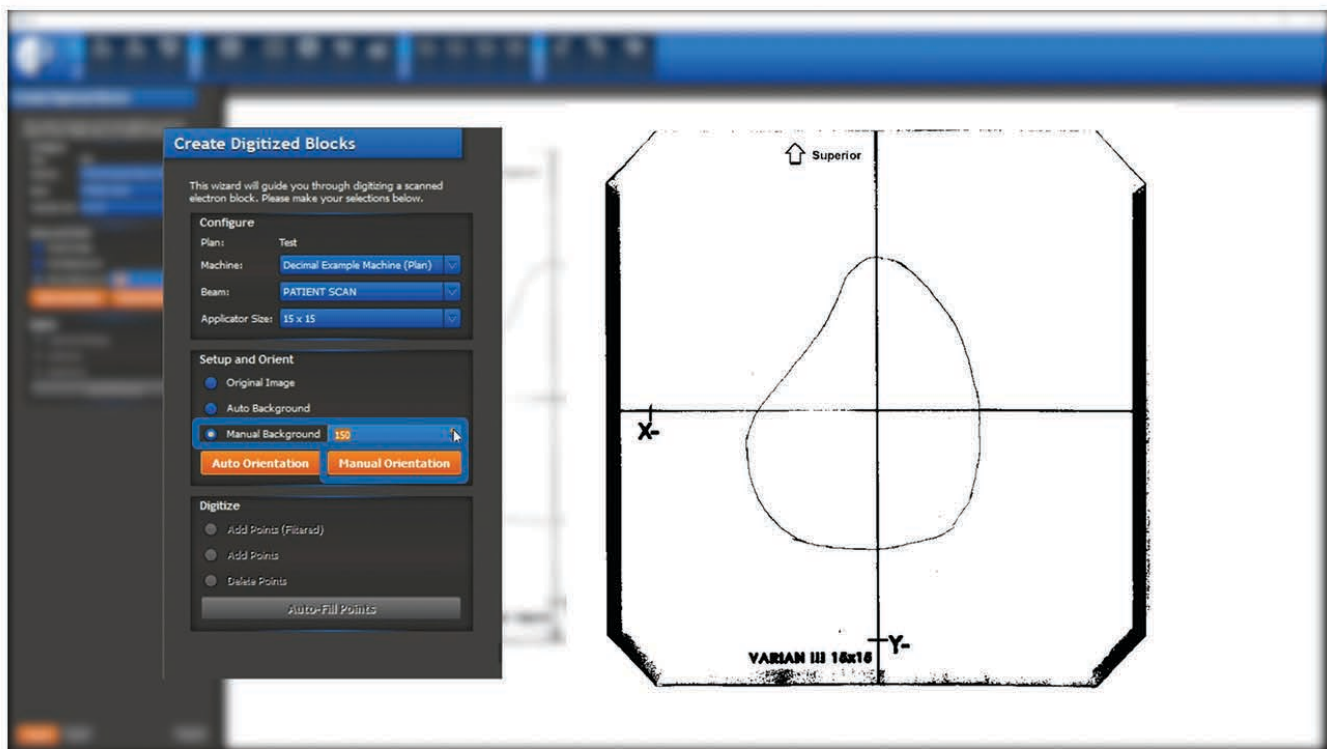
The first option “Original Image” shows what the image looked like when you scanned it in.

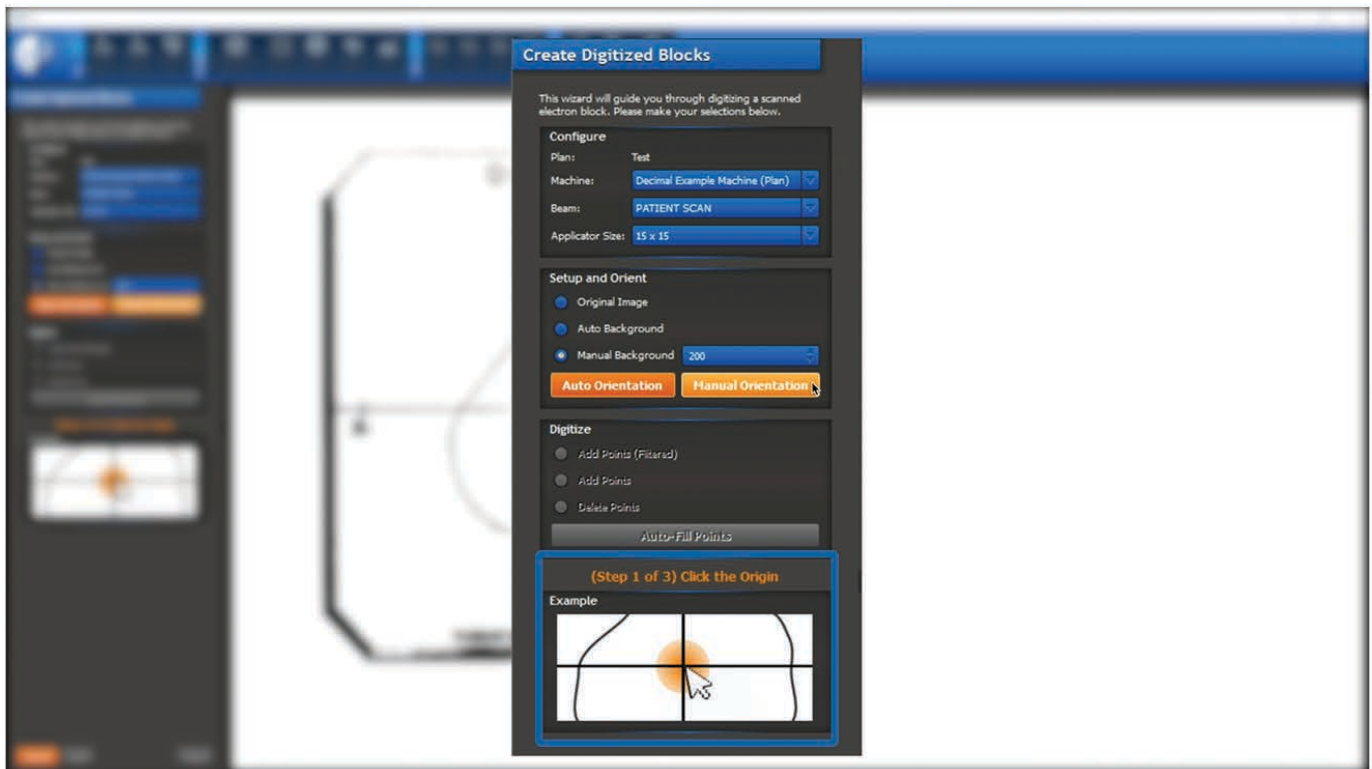
The second option, “Auto Background” is an automatic contrast background from p.d.



The third option, “Manual Background” allows the user to manually change the contrast of the image. This works by either clicking the arrows here, or entering a custom number.

Once an option is selected, click the “Manual Orientation” button.



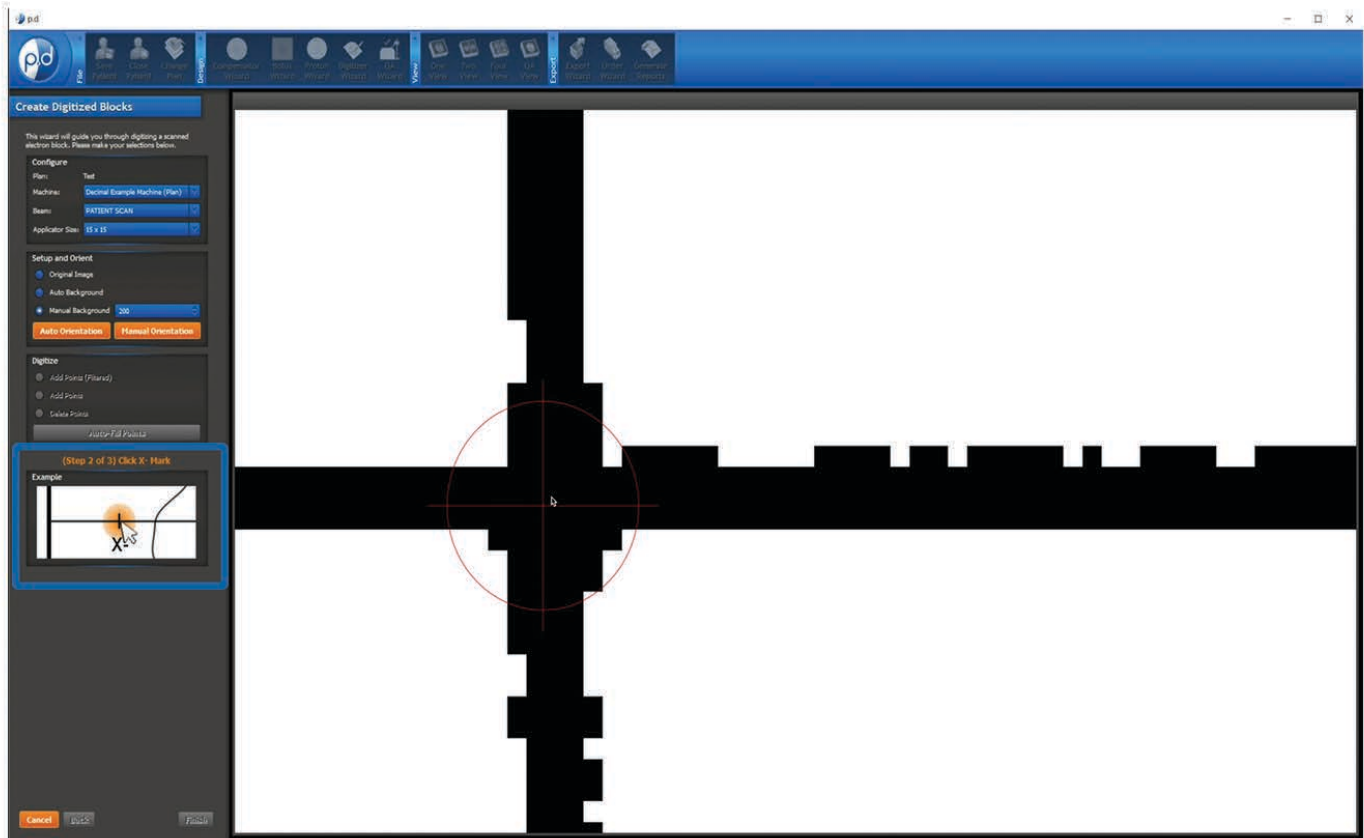


This brings up a list of three steps you must follow.

Your first step will be to click the origin of the template with your left mouse button. You may use your mouse's scroll wheel to zoom in for a better result.

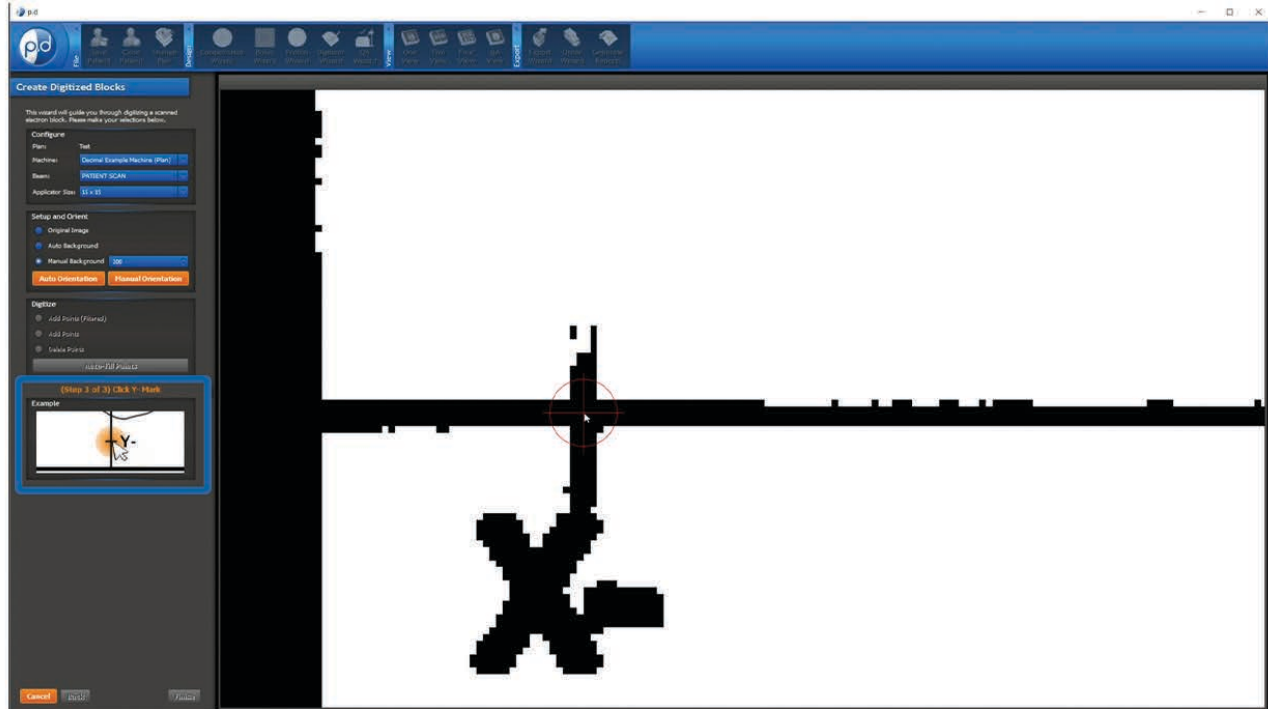
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Clinical Block Setup Walkthrough



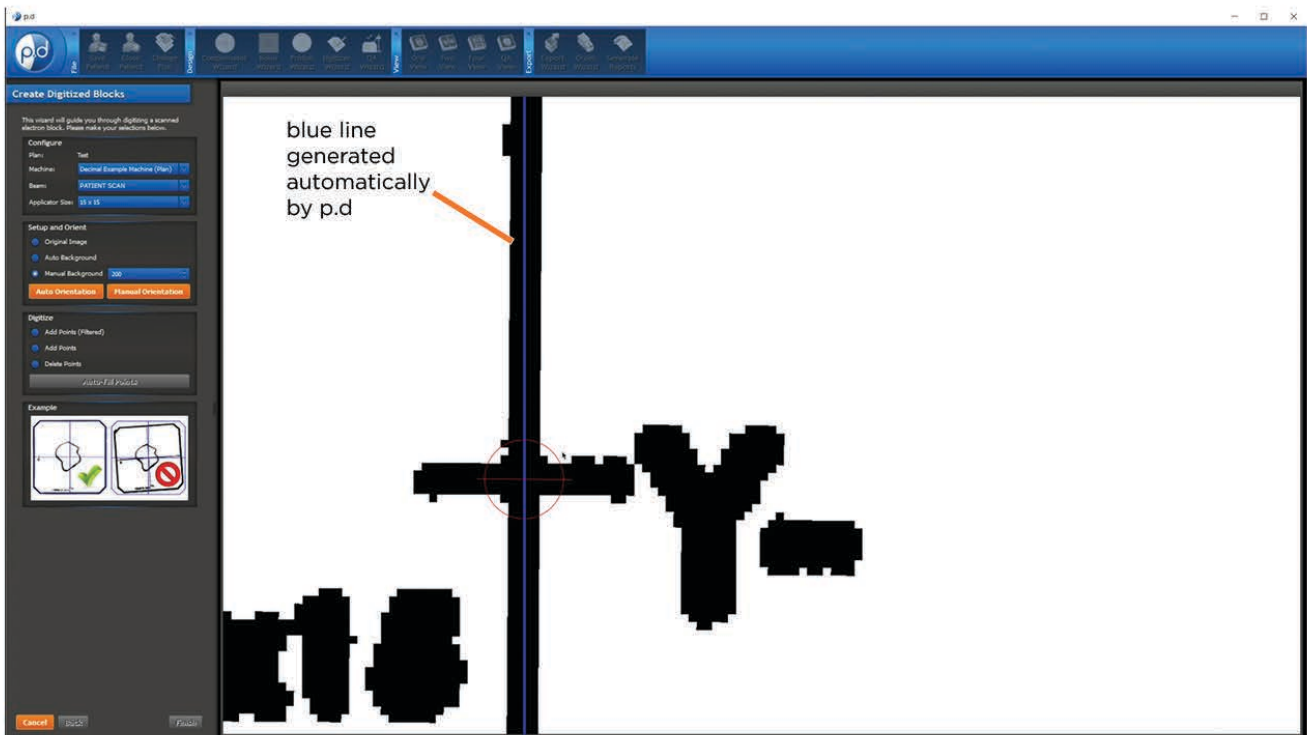
(A continuation of the previous step.)

Next, repeat this process for the X-line and the Y-line.



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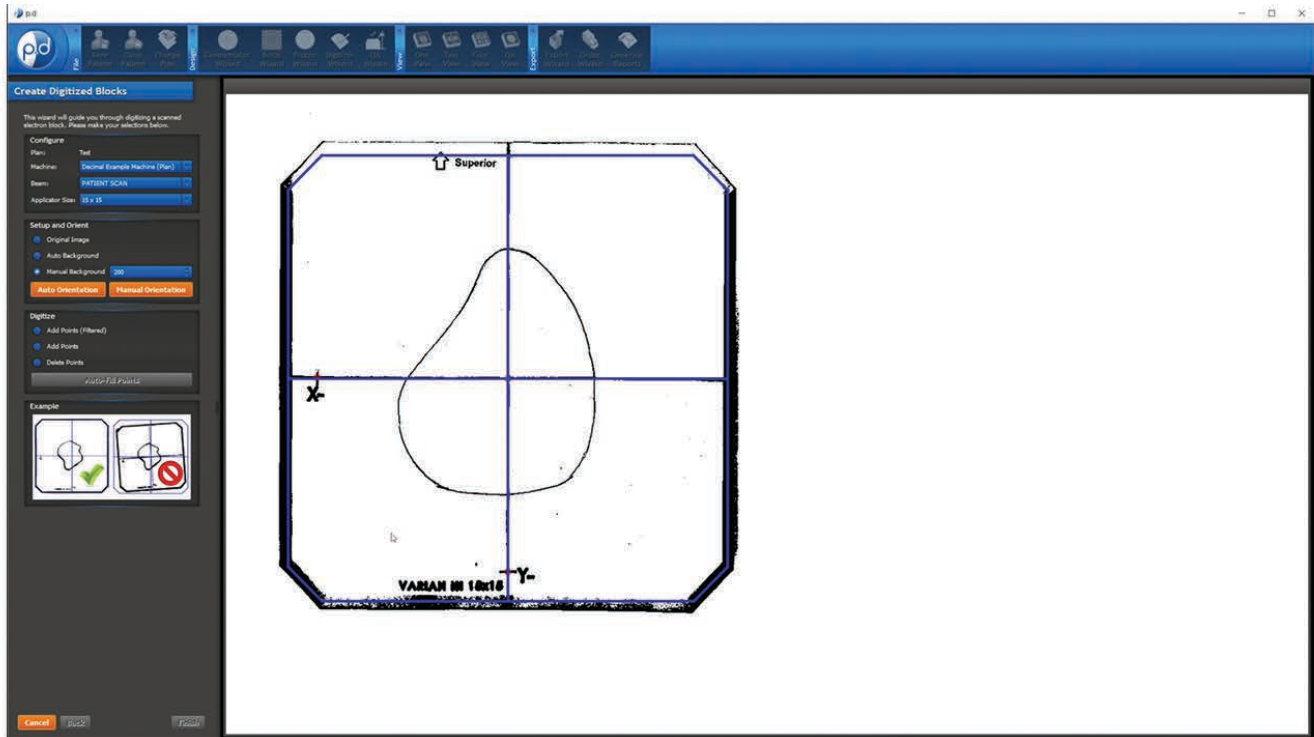
Clinical Block Setup Walkthrough



After you have clicked on the Y-line you will notice a blue line tracing over the X and Y axis as well as the edge of the template.

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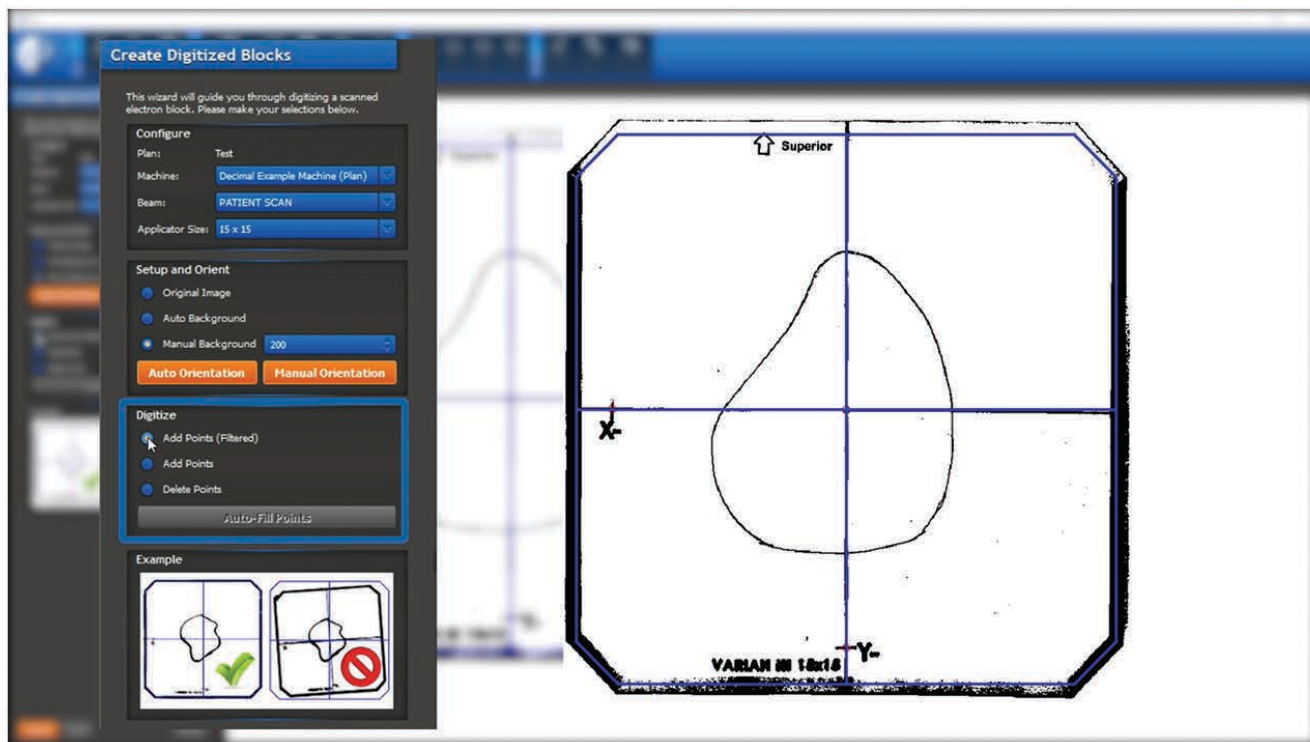
Clinical Block Setup Walkthrough



Note: Make sure the blue line matches the size of the template.

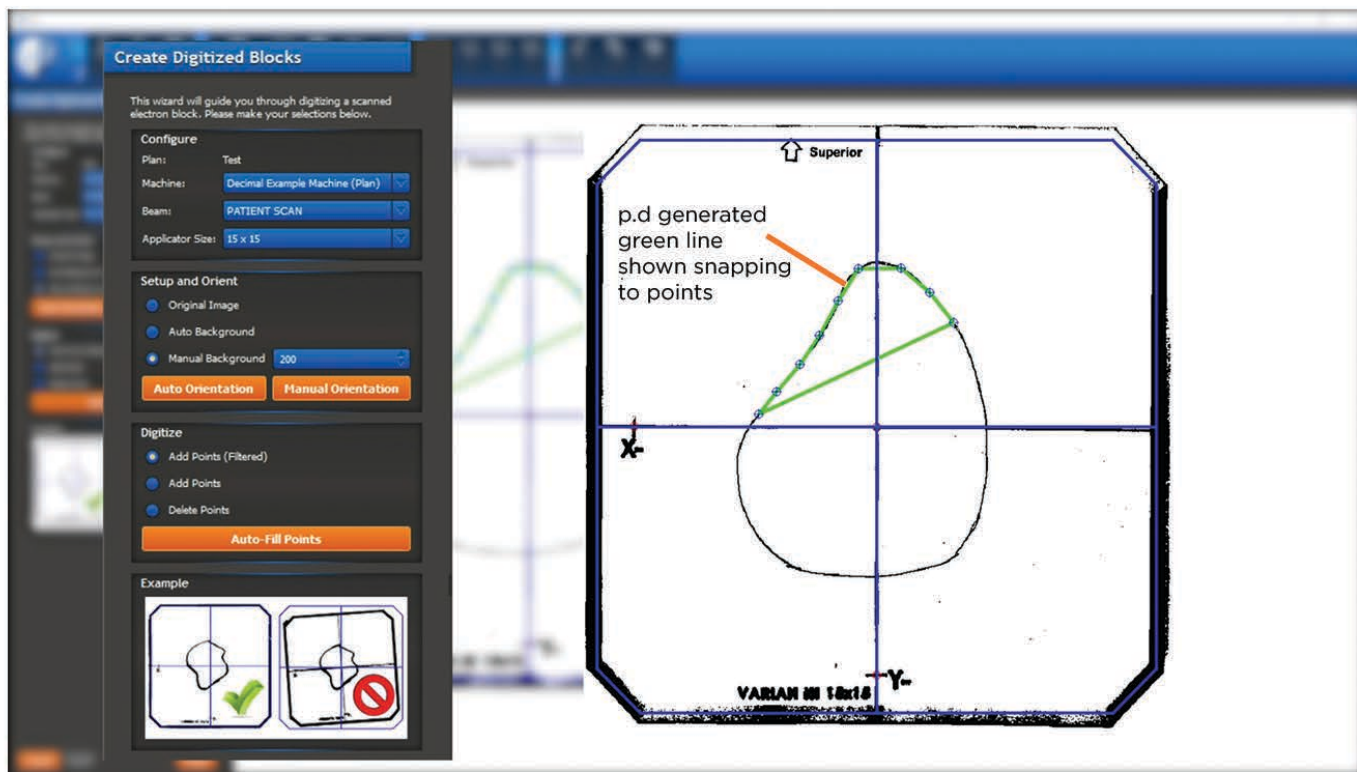
Digitizing The Image

Next, you will need to digitize the image. There are three tools that can be used to do this. For the first tool, you will need to select the “Add Points Filtered” option to add points along the line without having to directly click on the line.



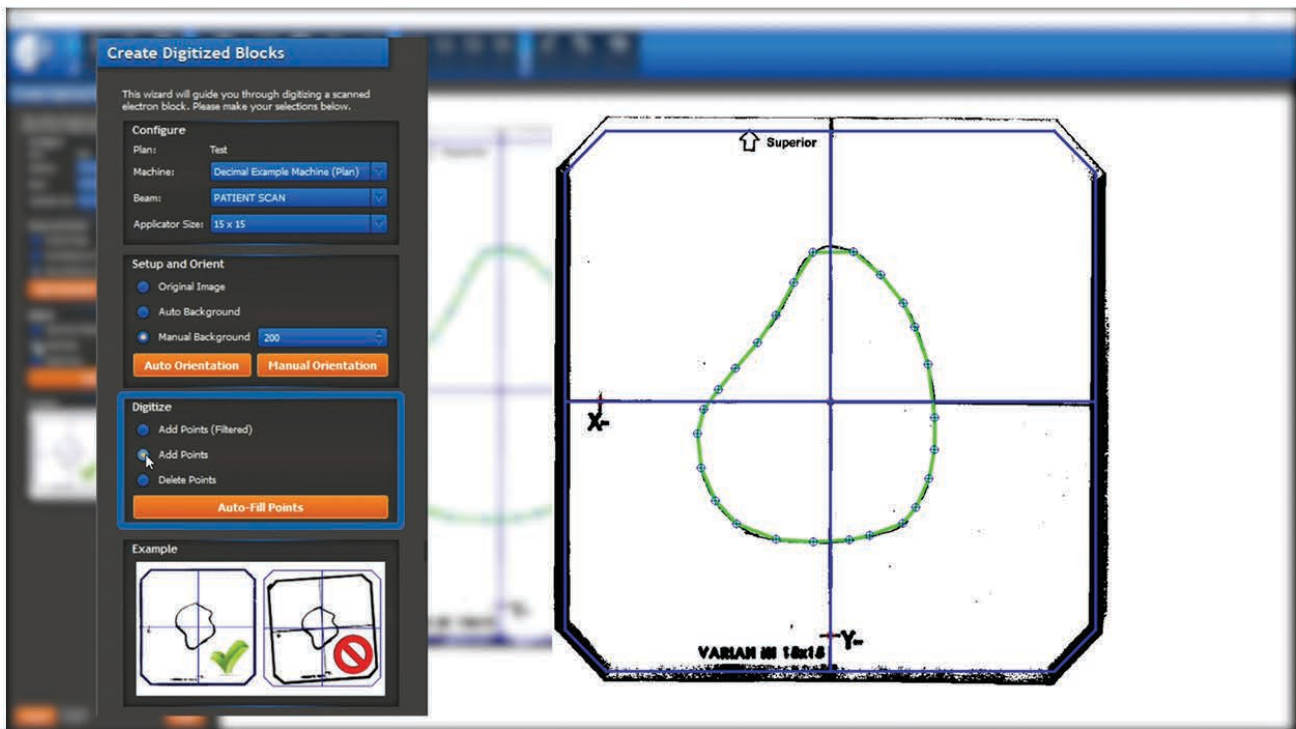
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Clinical Block Setup Walkthrough

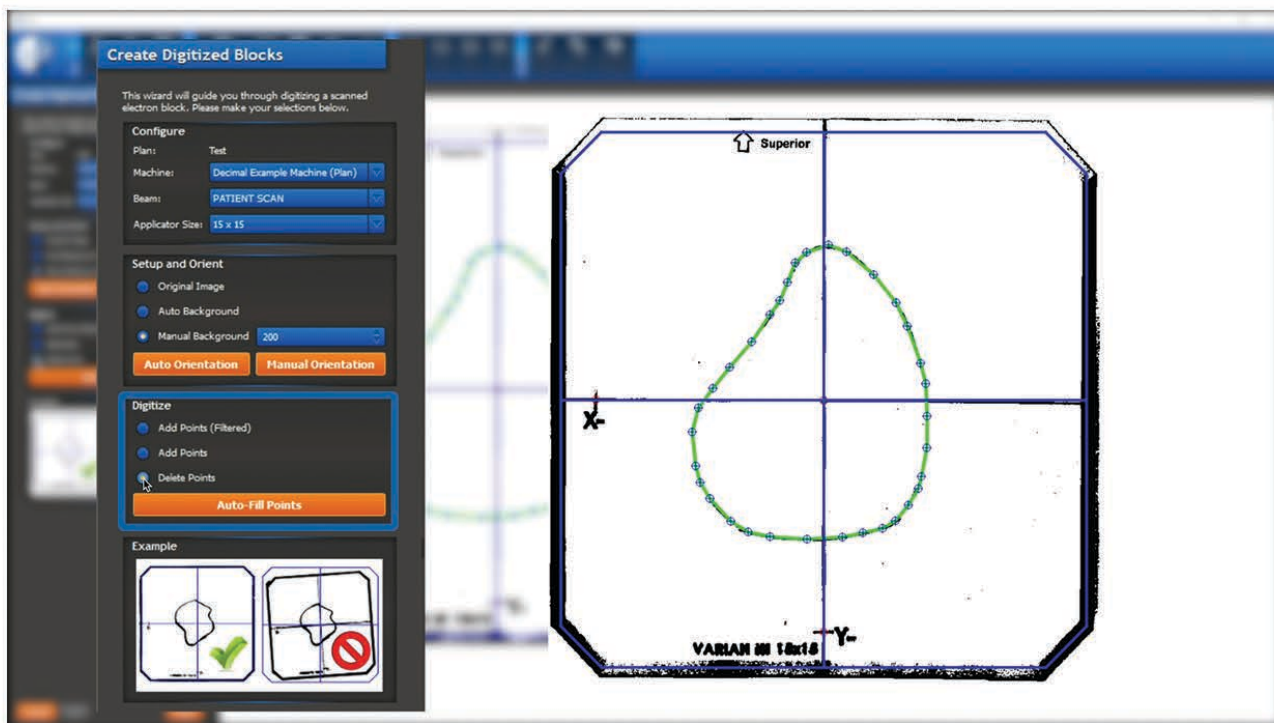


Click the left mouse button to do this. You will see the green line snapping to the dots.

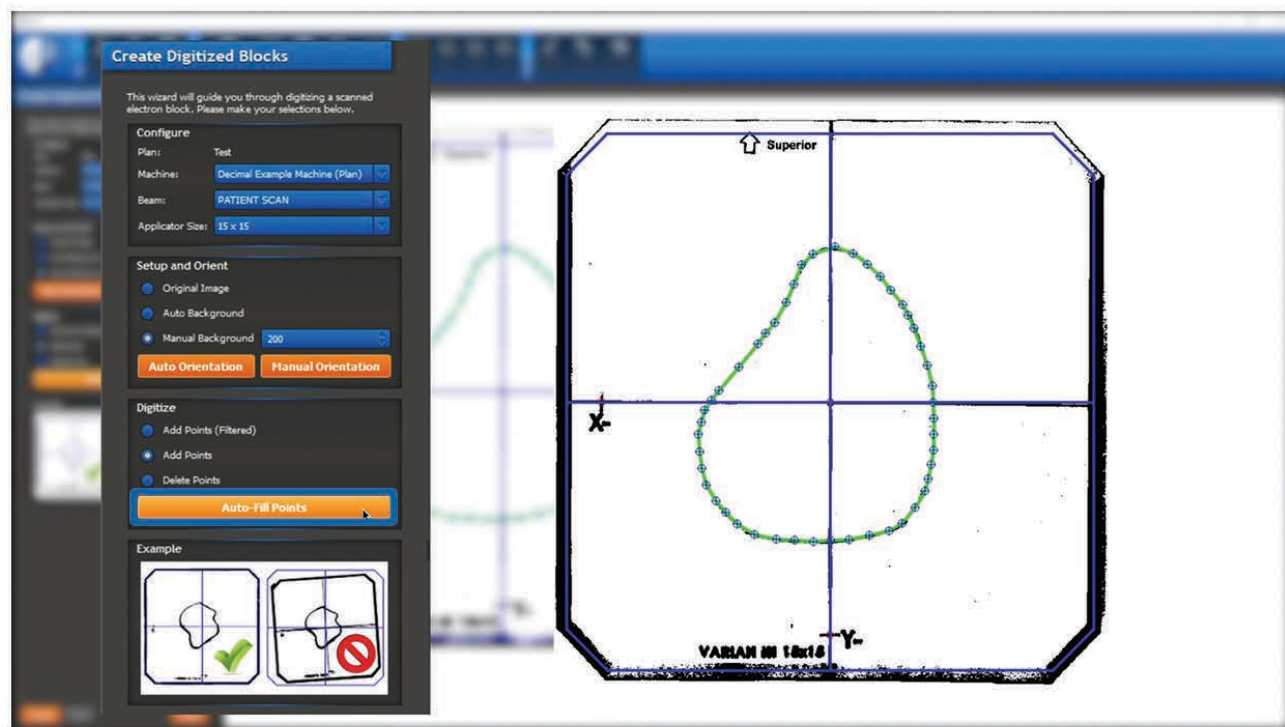
The second option, "Add Points" allows you to add new points exactly where the mouse is clicked. This differs from the "Add Points (filtered)" option because it does not snap the points to the nearest lines on the template image. It is useful if there are breaks in your lines or stray marks on your template that interfere with the filtered option.



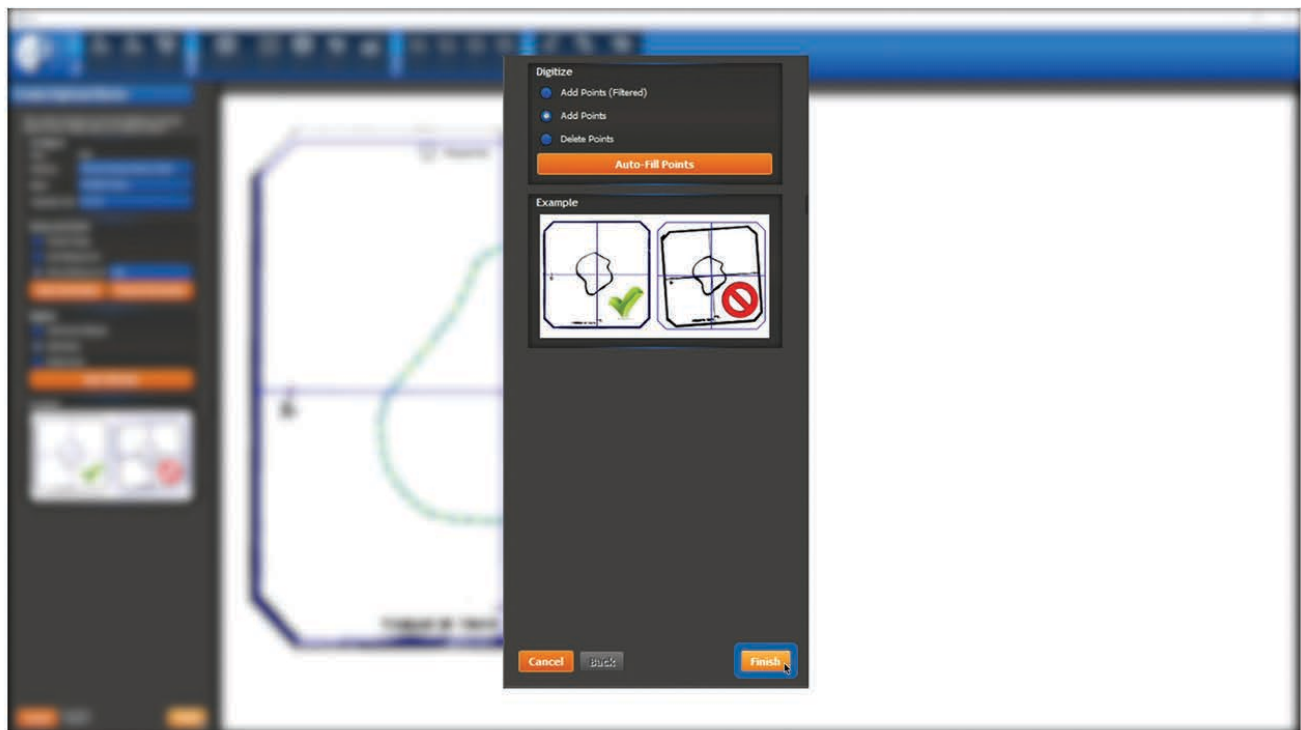
Option three is “Delete Points”. This allows you to delete any mistakes you may have made when digitizing. Use all three of these tools to go back and make sure the green line matches the black line as accurately as possible.



Finally, click the “Auto-Fill Points” button to fill in and smooth out the digital line. The more points along a generated line, the smoother the manufacturing will be.

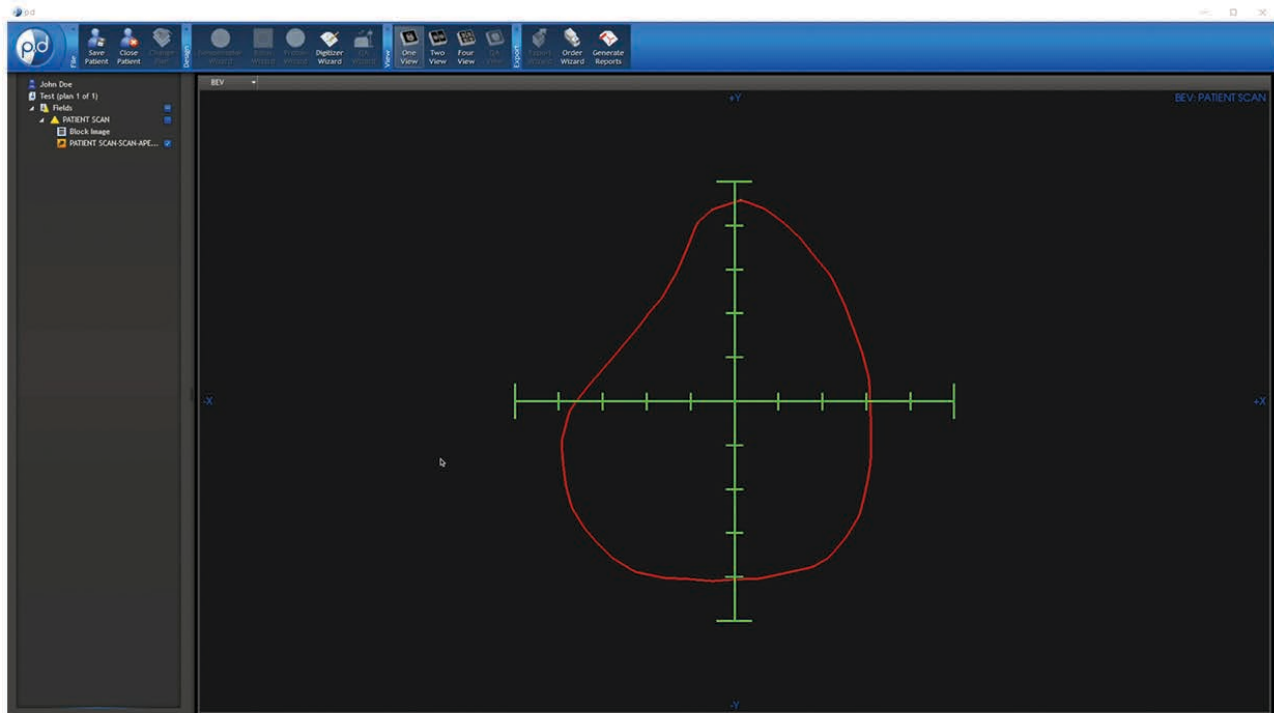


Now, you can click the “Finish” button and return to the patient plan screen.

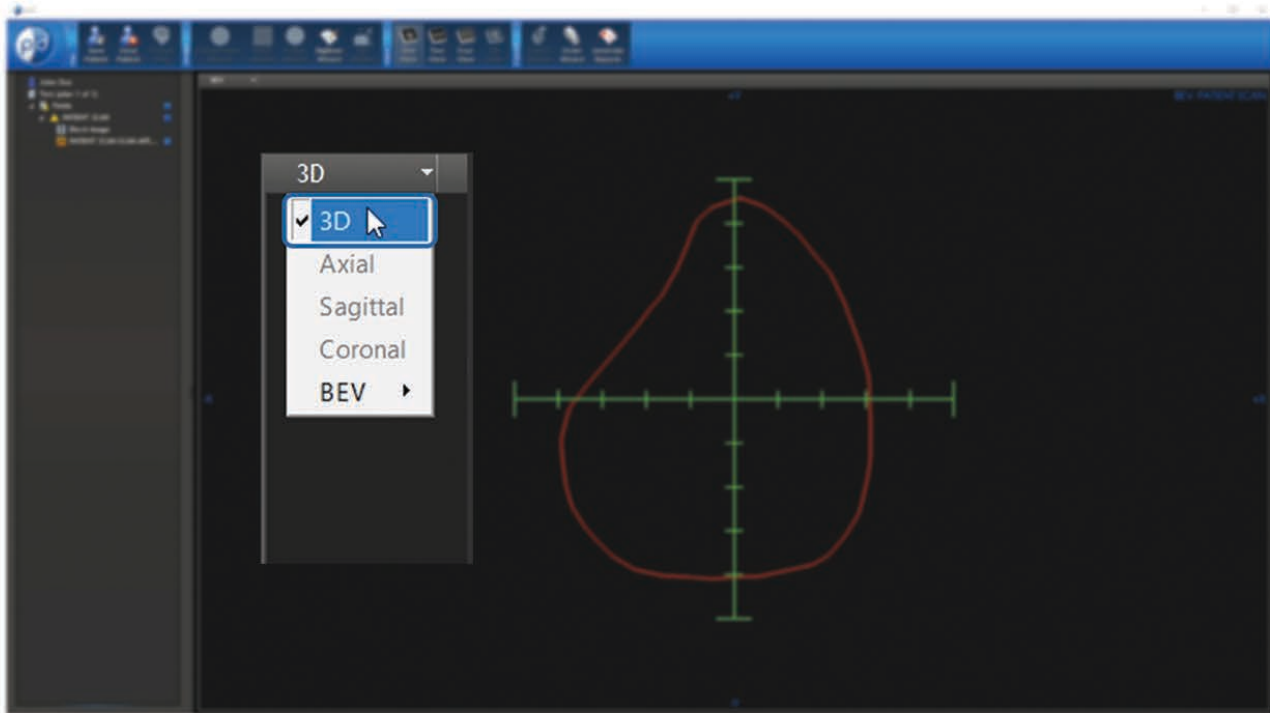


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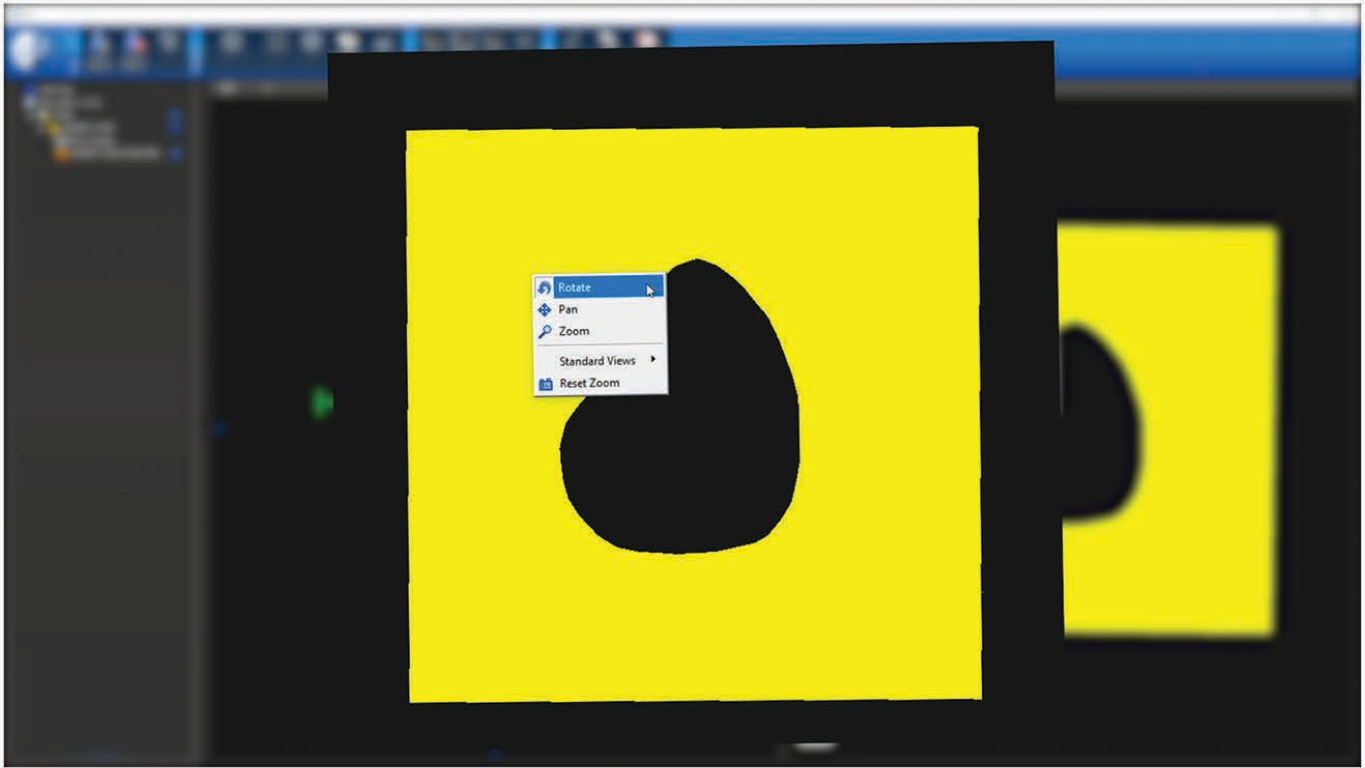
Clinical Block Setup Walkthrough



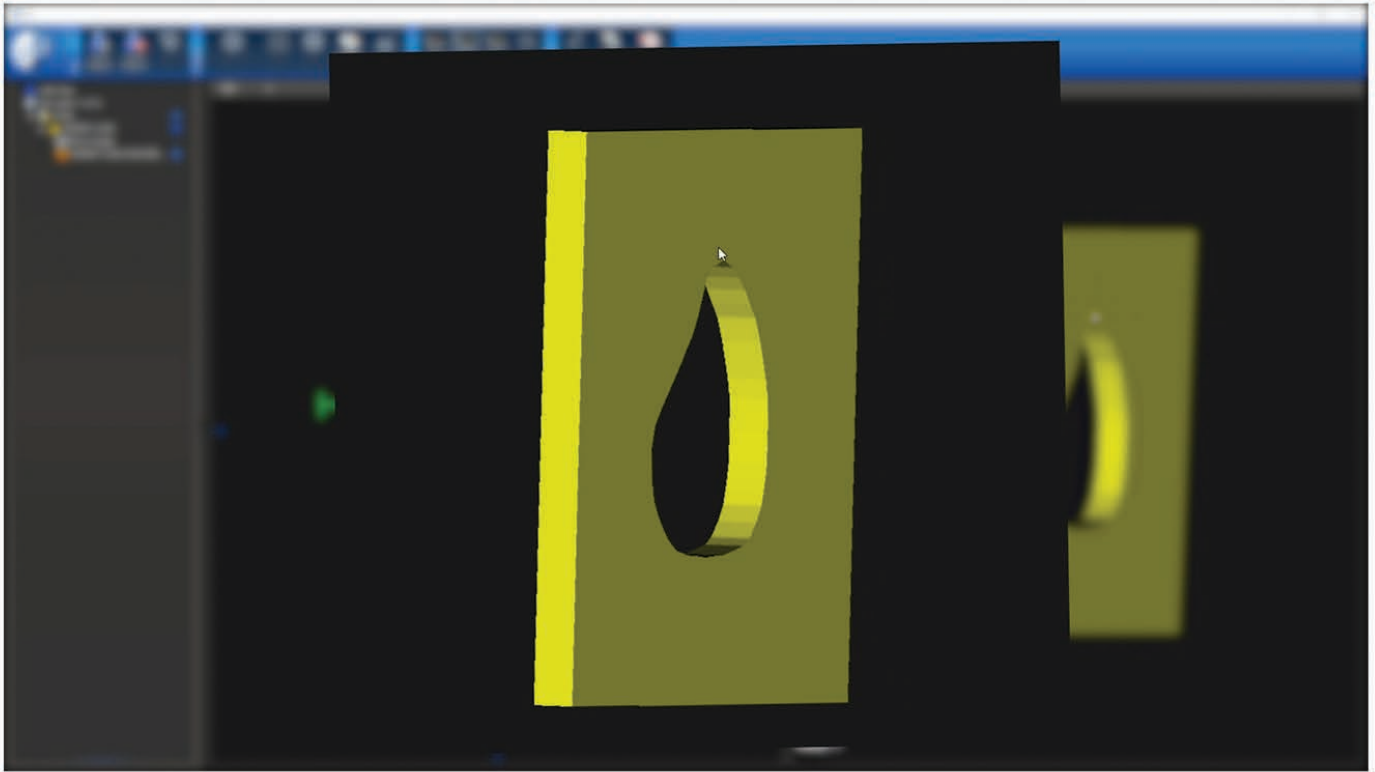
Here, you will see your aperture plan. In this example, the **green** line shows the planned specification, while the **red** line will be the area that will be manufactured. The red line will overlap the green line, except in areas where small features or sharp corners exist. The red line will follow a path to the nearest point that can be manufactured.



If you want to see the device in 3D, make sure the “3D” option is selected.



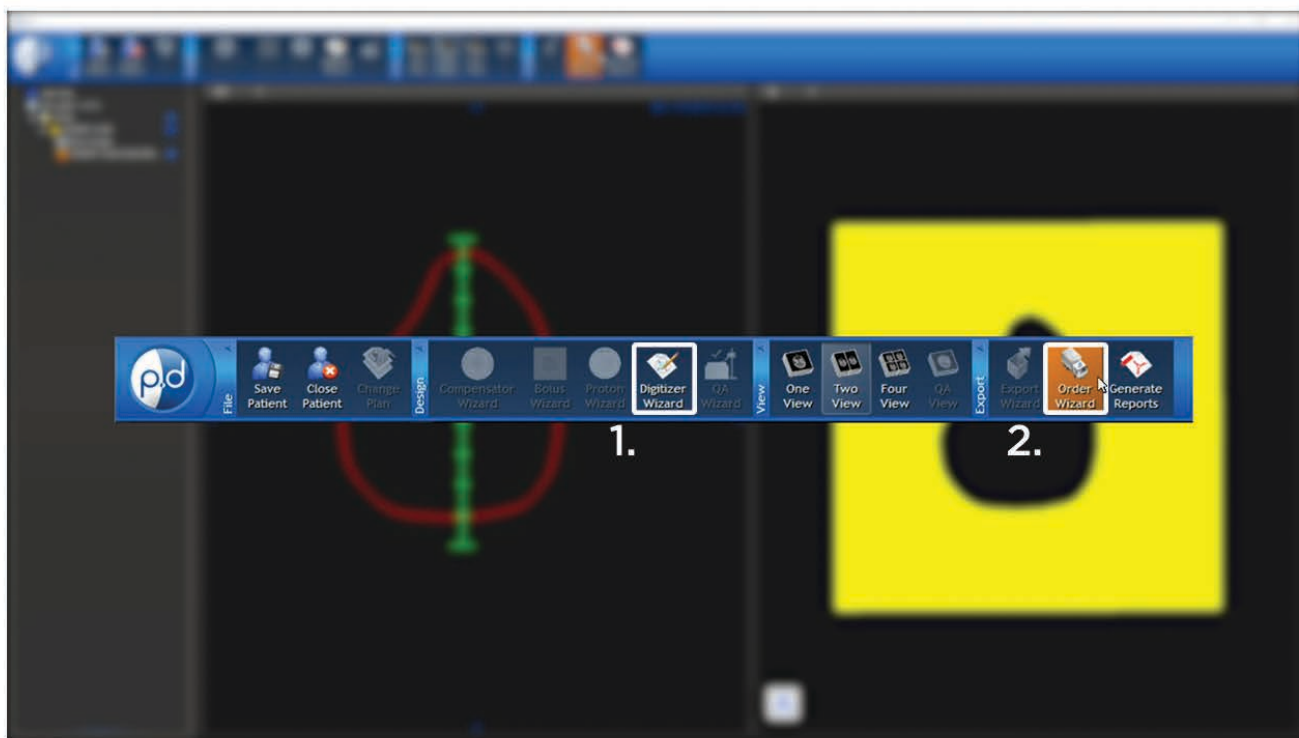
Now, you may right click to access a menu which will allow you to rotate, pan, or zoom. Select an option within the menu.



You may then left-click and drag to adjust the view.

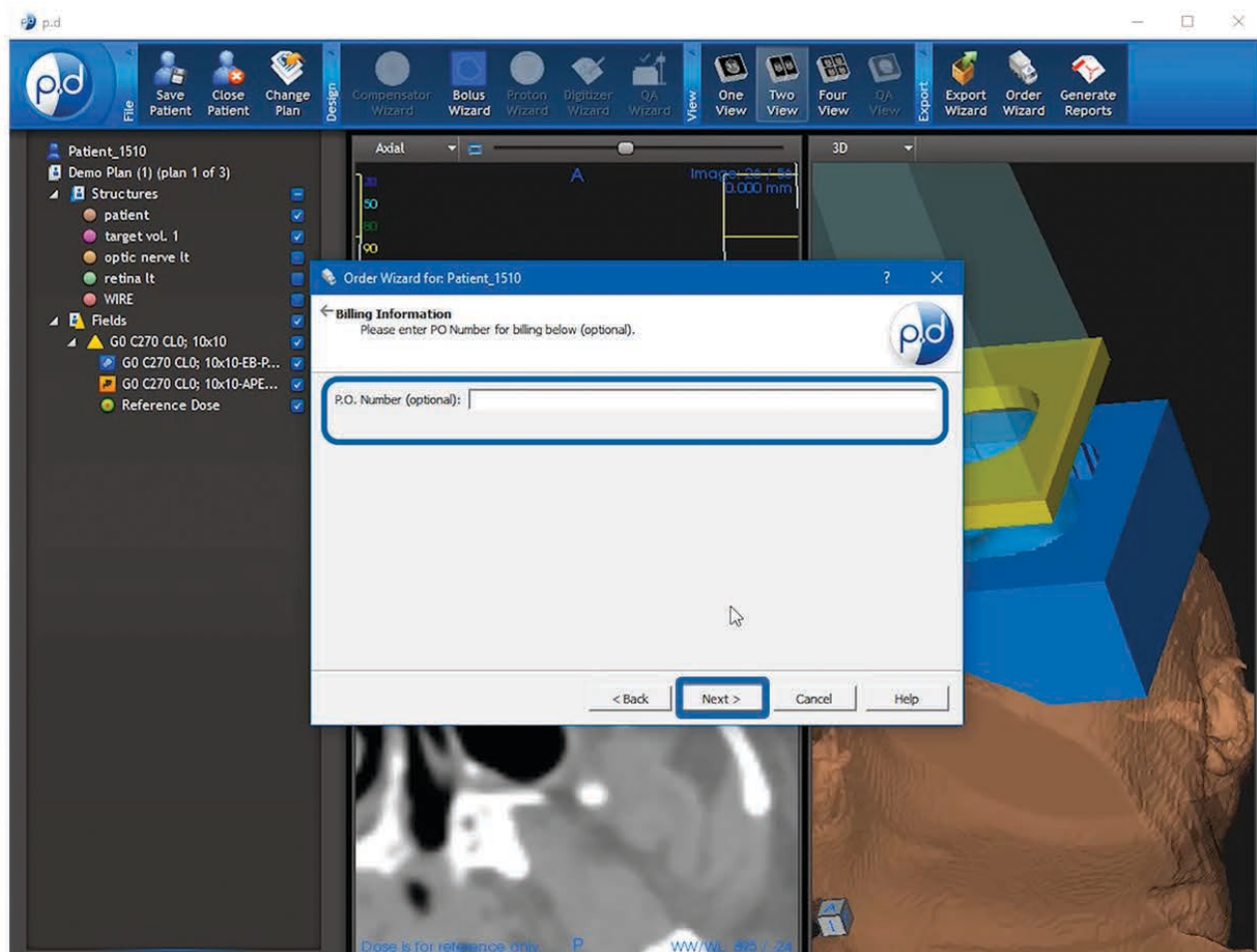
Note: If a design does not meet the specifications, the image can always be digitized again through the Digitizer Wizard.

If the digital copy of the drawing is accepted, you can click the “Order Wizard” button in the top bar in p.d.



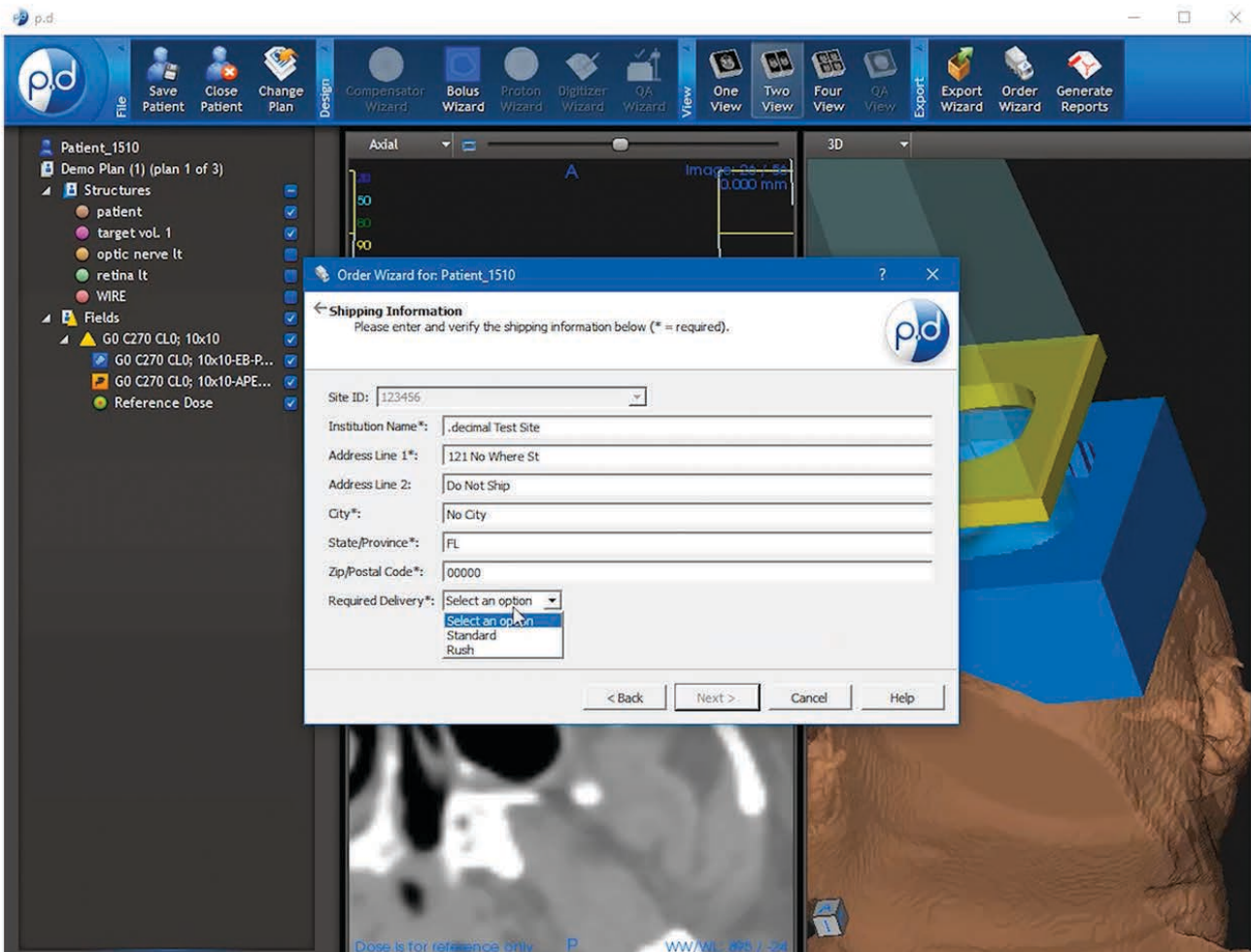
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Clinical Block Setup Walkthrough



After you have verified the address, selected your shipping priority, & entered a P.O. # if needed, click the “Next” button.

This brings up the shipping information screen. Here you will fill out the address to where you want the devices shipped. If your address auto populates, simply move on to selecting your delivery option. Next, click the drop down next to the “Required Delivery Box”. This is where you can select the desired delivery option. We have standard or rush delivery options. It is important to note that the ship-to address is associated with the machine selected but can be overwritten.



Note: See help section for delivery times, rules and explanations on how to save your address for future orders. There is an expedite fee for the “Rush” shipping option.

(This concludes the Clinical Block Setup Starter Guide.)