Placing an Implant

Implant planning in Invivo is fast and intuitive. In the implant view tab, the software offers two different methods for implant placement - placing one or more implants in a 3D volume or within a panoramic image. Let's start by placing an implant in a 3D volume.

**Step 1.** Select Add Implant in the Control Panel or on the Add Implant icon on the toolbar.

**Step 2.** Select the tooth number of the Implant (or implants) you want to place. If you are placing multiple implants you can choose to parallel them. Click OK.

**Step 3.** The implant(s) will be tethered to your mouse cursor. Move the implant to the desired location in the volume and mouse click to place it. If multiple implants are selected, move the cursor to the next implant site and click.

**Step 4.** After the implant(s) is placed, three view windows will appear - axial, coronal and density profile. The density profile displays the bone density around planned implants. Clicking on the Density Profile Control icon will substitute a mesial-distal, cross-sectional view.

**Step 5.** Click on the implant in either the coronal or mesial-distal window and a widget will appear which will allow you to make various changes in the implants nature or position. Dragging a widget arrow will change the implants cant; dragging a red circle will change the implants width; and, dragging a blue circle will change the implants diameter. The implant manufacturer, product, and size can be changed in the Control Panel.

**Step 6.** Additionally, by clicking on the Settings toolbar icon, you can adjust things like collision warnings; default colors of restorations and implants; change implant setting defaults; and, update the implant library. Clicking on a View Preset and Setup in the Control Panel will open a dialog window where the Presets can be customized.

Rather than placing an implant in a 3D volume, you may place implants in a panoramic image.

**Step 1.** Select Pano Implant in the Control Panel.

**Step 2.** Mouse click on an implant and drag it to the implant site.

**Step 3.** Parallel implant groups can be made by clicking the nodes above the implant identification numbers and mouse dragging to other nodes. Remove the implants from these groups by clicking on the nodes again.

**Step 4.** Select 3D Planning Layout in the Control Panel to exit Pano Implant mode and return to the 3D Implant mode to adjust the implant(s). Follow the same steps listed above for 3D implant placement.