

ODA ASM Booth Visit: Carestream Dental CS-3600 Intraoral Scanner

- Dr. O'Keefe: Join me as I visit the Carestream dental booth where I am going to talk to John Aguirre about the CS3600 intraoral scanner. Here's the Carestream booth and John Aguirre and who's going to talk to me all about the CS3600 intro or the scanner. John, why should I have a CS3600 in my office?
- John: If you're a modern dental office and you're looking to go digital, Carestream dental offers a entire one stop shop for digital x-rays, CBCT and the intra-oral scanner. For the intra-oral scanner, you get high accuracy with digital impression taking and let me show you the 3600. It's over here. We have the 3600, CS3600 it has a very ergonomic design where you can hold it vertically, you can remove the [inaudible] tip and switch it to the horizontal position. So, if you want to scan in the horizontal position. Once you have the tips on, they do have a heating plate for anti fog and you also have the functionality of switching arches with the button on top, upper the lower end of the bite. Now with the 3600 you can use the power button to turn it on and off, all from the functionality of the handpiece itself.
- John: Scanning with the CS3600 you have three workflows that are in the acquisition software, orthodontics, implant and restoration. And we're scanning a restoration today and within the restoration workflow you have pre, post and hybrid available also. So, click restoration and the scanner is already trying to access images. We have 11-millimeter focal length. So, once you get the arch into focus, it's going to start adding images. So just scan the upper. The general technique is to have a 30% overlap so that the software can add new images. So as long as you have a green box it's adding new images. So, I've got my upper, I'm going to switch to the lower. With the scanner itself, I'm now going to scan the lower arch, making sure I fill in all the voids around the teeth, around the gingiva, around the prep.
- John: So, all the important areas are filled in [inaudible]. Now, a good technique when it comes to scanning interproximal is to use the tilt of the tip back and forth. Once you're happy with the images you've captured, now you're ready to go to the bite. You're going to switch the button on the bite highlighting both arches. So, I'm going to scan the buccal surface for the upper, scan directly to the lower. Once they come together you've got your bite placement, the software's ready to refine the individual images to create one upper and one lower. So, click next and go to the refinement stage.
- Dr. O'Keefe: How long does the refining stage tend to be?
- John: It can take anywhere from 30 seconds to a minute plus depending on how much information you scan. So, this one, cause it's a quadrant, probably more like 35 to 40 seconds minimum. Just really depends.



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Dr. O'Keefe: Thanks for running us through that. John, why should I buy the CS3600 as opposed to a product from another company?

John: When it comes to CS3600 Carestream dental has integrated it flawlessly into this one-stop shop workflow. So, with using the intraoral scanner because of the accuracy is equivalent to other intraoral scanners on the market. Also, with the workflow, you can integrate the intraoral scan with the CBCT scans to have an overlay so that you can use implant planning with the intraoral scanner itself.

Dr. O'Keefe: Where do I get more information?

John: More information you'll be able to get at Carestreamdental.com where you can select any software, hardware, and contact information when it comes to training.

Dr. O'Keefe: Thank you very much, John.

John: Thank you.