Carestream
D E N T A L

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CS 9600 Ideal Solution for OMS Specialty

CHICAGO—The CS 9600 cone beam computed tomography (CBCT) system is a highly intelligent piece of technology designed with oral surgeons and implantologists in mind. Intuitive features give the five-in-one system the capability to deliver exceptional image quality for more precise diagnoses, while maintaining ease-of-use and patient comfort.

This advanced system combines 2D panoramic technology, CBCT imaging, 3D model/impression scanning[1] and 3D facial scanning,[2] along with optional cephalometric imaging,[2] to meet every clinical need. Up to 14 fields of view, including FOVs ideal for examining the maxillofacial region, TMJ and the sinus, lets doctors see the whole picture, from a single tooth to the tip of the nose. Three different editions of the CS 9600—up to 12 cm by 10 cm FOV, up to 16 cm x 10 cm and up to 16 cm x 17 cm—ensure that the system covers all of an oral surgeons' imaging needs, from the routine, such as implant planning and third molar extraction, to advanced, including trauma or orthognathic surgery.

The key to the CS 9600's exceptional image quality are smart features that aid with patient positioning, which contribute to repeatability and lead "first-time-right" results. The SmartPad, an integrated touchscreen, walks users through the positioning process, provides pre-set programs to minimize the risk for errors and lets the operator check the images immediately after the scan using quality control tools. The CS 9600 is also the first unit that records the parameters for each patient examination, so the system can be primed and ready for each individual patient before they even enter the room for a follow-up exam.

"The way to capture high-quality images is to capture them correctly the first time, no matter who's operating the system" Ed Shellard, D.M.D., chief dental officer, Carestream Dental, said. "The CS 9600's smart technology does this is by using cameras instead of laser beams to guide patient positioning and give the operator live feedback. For example, during a 3D exam a FOV target is superimposed on the patient's face—which is displayed on the SmartPad—so users can visualize and adjust the position."

SmartAuto technology aids positioning even further: SmartAuto Pan[3] automatically calculates the correct exposure settings based on the patient's jaw shape and size and SmartAuto 3D[3] lets users precisely define the field of view position on a low dose scout view. The system is so intuitive, it can even detect when the wrong accessory is inserted and recommends the appropriate one based on the procedure.

"My staff have to do fewer retakes with the CS 9600," Matthew Nichols, D.D.S., Matthew Nichols, D.D.S., Oral and Facial Surgery, said. "The cameras give them a picture of exactly the area they're about to scan. If they're still not sure they can take a scout image to know exactly what they're getting. It also aids with patient alignment."

Once the image is captured, exclusive algorithms enhance the doctor's diagnosis. CS MAR[3] technology reduces the scatter caused by metal artifacts which can cause misinterpretation and gives doctors more confidence by being able to dynamically compare images with or without the filter applied.

Of course, the CS 9600 also addresses patient safety concerns and strictly adheres to the ALARA (as low as reasonably achievable) principle. It's able to do so thanks to a 120 kV high power generator that allows clinicians to acquire images at lower dose to the patient as compared to standard 90 kV acquisition while also enhancing image quality. In addition to

patient safety, the CS 9600 has patient comfort covered, too: An integrated retractable seat[3] allows patients to sit for added stability. The seat can also be rotated out of the way when not in use or to accommodate patients in wheelchairs.

It's true that any system is only as useful as the software that powers it, and the CS 9600 is no exception. For added confidence when planning and placing implants, the CS 9600 is compatible with the Prosthetic-Driven Implant Planning module, and the CS Airway module, CS Model software and CS Model+ software can also be integrated with the system to take diagnoses and treatment planning capabilities even further. The CS 9600 is also fully integrated with Carestream Dental's CS WinOMS practice management software.

To protect doctors' investment, Carestream Dental's CS Advantage comprehensive service offering is available for the CS 9600. A new option currently exclusive to the CS 9600, CS UpStream, continuously screens the system, monitoring its historical behavior to prevent downtime and maximize system availability. CS Advantage members also get extended warranty coverage, software updates, training and support to ensure the best ownership experience.

To get even more up close and personal with the CS 9600, Carestream Dental invites doctors to take a closer look at a reception at the Chicago Sports Museum, Thursday, Oct. 11, 6:30-8:30 p.m. Register to attend at carestreamdental.com/9600launch. Of course, AAOMS attendees are also welcome to visit Carestream Dental in booth #1211.

To learn more about any of Carestream Dental's innovative technology, call 800.944.6365 or visit carestreamdental.com.

[1]Work in progress, not available for sale
[2]Option: work in progress, not available for sale
[3]Option

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About Carestream Dental

Carestream Dental provides industry-leading dental digital product lines and services, including imaging equipment, CAD/CAM systems, software and practice management solutions, for dental and oral health professionals. With more than 100 years of industry experience, Carestream Dental technology captures two billion images annually and aids in more precise diagnoses, improved workflows and superior patient care. For more information or to contact a Carestream Dental representative, please call 800.944.6365 or visit carestreamdental.com.

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