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Media Contacts

Amanda Gong, Carestream Dental
470.4816797
amanda.gong@csdental.com

Carestream Dental's New CBCT System Drives Precision Through Intelligence

ATLANTA—Today at CDA North, Carestream Dental launched an all-new imaging system: The CS 9600 cone beam computed tomography (CBCT) system, which enables new levels of image quality, usability and, ultimately, precise diagnostic capabilities.

Featuring intelligent automation, first-time-right imaging technology and highly simplified workflows, this system ensures reliable patient positioning, reproducible results and exceptional images. For a future beyond today, the CS 9600 can also grow with a doctor's practice—thanks to upgradeable fields of view, versatile imaging options and intuitive software.

Blending 2D panoramic technology, CBCT scanning, 3D model/impression scanning¹ with 3D facial scanning,² the CS 9600 can also be upgraded to include cephalometric imaging.² Three different editions, featuring 10, 12 and 14 fields of view, can be upgraded to a larger FOV without replacing the unit—ensuring that the system covers all the needs of practices that place implants, perform oral and maxillofacial surgery or perform orthodontic, periodontal or endodontic procedures.

“Digital dentistry is in a constant state of change,” Ed Shellard, D.M.D, chief dental officer, Carestream Dental, said. “We not only want to enable doctors to keep up with these changes, but we also want them to use these innovations to their fullest potential. The CS 9600 is an intelligent and powerful imaging system that allows users of any experience level to capture high-quality diagnostic images.”

A prime example of the CS 9600's intelligent features is the SmartPad, an intuitive touchscreen interface that guides the operator through the exam and simplifies procedures from exam setup to image quality control. The unique live positioning assistant utilizes cameras to properly position the patient—with no need for laser beams. Combined with optional Scout scan and face-to-face positioning, this unique technology helps the operator capture the right image the first time. The operator can also verify the image quality immediately after the acquisition on the high-resolution touch screen using quality control tools.

The CS 9600's SmartAuto technology further enhances workflow automation and exam precision. SmartAuto Pan³ captures the patient's jaw shape and position in three dimensions and automatically calculates the correct exposure settings and trajectory, while SmartAuto 3D³ enables users to precisely define the field of view position on a low dose scout view, virtually eliminating the risk of incorrect positioning for repeatable image quality each time.

Images are further enhanced thanks to the CS 9600's patented CS MAR³ technology. Carestream Dental's high-end MAR algorithm provides specific metal artifact reduction and a unique tool to dynamically compare images with and without the MAR filter; helping to confirm diagnosis and reducing the risk of misinterpretation.

The CS 9600 also helps to address concerns regarding patient safety and adherence to the ALARA (as low as reasonably achievable) principle. With its low dose programs, the CS 9600 delivers 3D images at a significantly lower dose than 2D panoramic imaging; helping to protect patients.

Another new feature to the CS 9600 is an integrated retractable seat,³ which enables users to scan patients either in a comfortable seated position when higher stability is required or rotated out of the way when not in use or to accommodate patients in wheelchairs.

“These unique features all add up to deliver what every doctor is seeking: Exceptional image quality,” Shellard said. “When you can position the patient better the first time; capture images faster; and not have to worry about things like metal artifacts, it ultimately means you’re getting the best image, every time.”

The CS 9600 is supported by Carestream Dental’s newest imaging platform: CS Imaging version 8. This updated software enables one-stop access to all 2D images, 3D images and CAD/CAM data through a single system. Additional modules, such as the Prosthetic-Driven Implant Planning module, CS Airway, CS Model and CS Model+, can be integrated with CS 9600 to expand diagnoses and treatment planning capabilities. The CS 9600 will also be fully integrated into Carestream Dental’s suite of practice management software including CS PracticeWorks, CS SoftDent, CS OrthoTrac and CS WinOMS.

Carestream Dental’s CS Advantage comprehensive service offering further enhances doctors’ CS 9600 investment. For example, the innovative CS UpStream advanced monitoring service continuously screens the CS 9600 system and—by monitoring its historical behavior—prevents downtime and maximizes system availability. CS Advantage members also get extended warranty coverage, software updates, training and support to ensure the best ownership experience.

To learn more about the groundbreaking CS 9600, or any of Carestream Dental’s innovative technology, visit Carestream Dental in booth #1112, call 800.944.6365 or visit carestreamdental.com.

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

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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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