



# Intelligence Drives Precision

CS 9600 FAMILY



# Smarter and Better Than Ever

With its new Scan Ceph module and innovations—such as positioning powered by AI—the world's most intelligent CBCT system is now even smarter and more versatile than ever.

As one of the most user-friendly CBCT scanners on the market, the CS 9600 delivers outstanding precision at every exam, for every user. Designed for a broad range of dental, maxillofacial, orthodontic and ENT applications, the CS 9600 is the perfect solution for demanding professionals who need a new level of precision.

With the enhanced CS 9600 CBCT scanner, extraoral imaging has never been so intelligent.



The CS 9600 is the next generation of CBCT systems, featuring perfect, never-before-achieved 2D and 3D image quality and the game-changing metal artifact reduction feature.

**Dr. Beat R. Kurt, D.D.S.**



**NOW AVAILABLE WITH**

- Scan Ceph module
- AI-powered positioning
- Tomosharp technology

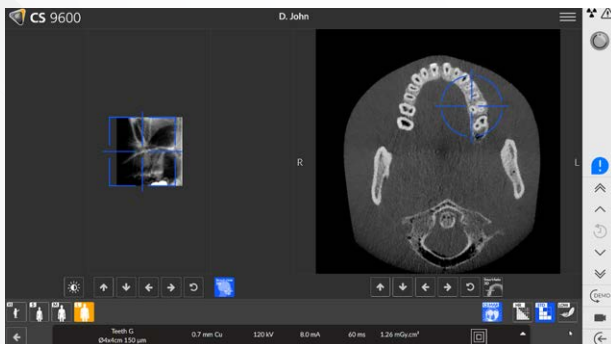
# Get It Right the First Time.

The CS 9600's advanced technologies guide users to the consistent results practitioners need. Features, such as a Live Positioning Assistant, video cameras and Artificial Intelligence (AI), deliver more accurate scans on the first try, with consistent results over time.



## LIVE POSITIONING ASSISTANT

Patients are positioned using cameras, while live patient views are displayed on the touch-screen for easy and exact positioning.

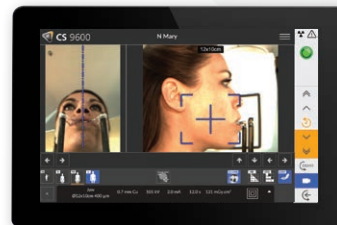


## SMART TECHNOLOGIES<sup>1</sup>

SmartAuto Pan<sup>1</sup> and SmartAuto 3D<sup>1</sup> analyze the patient morphology to automatically calculate the right exposure settings and trajectory, or to precisely define the field-of-view position.



## EXAM SET-UP



## PATIENT POSITIONING



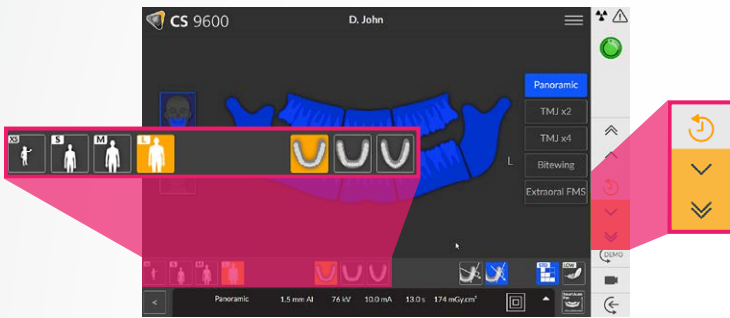
## IMAGE QUALITY CONTROL

## USER-FRIENDLY SMARTPAD

An intuitive SmartPad and clear interface guide the user through the exam, simplifying image capture.

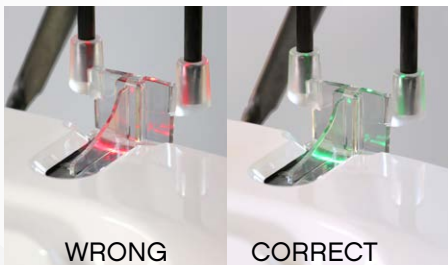
# User Friendly. Patient Friendly.

The technology behind our innovative scanning technology is quite complex. But using that technology to capture high-quality, accurate scans is not. In fact, we designed the CS 9600 to be the most patient-friendly, user-friendly scanner on the market, from the hardware to the software to the accessories on the unit.



## SINGLE-TOUCH REPEATABILITY

Access the scanning parameters of a returning patient with the touch of a button, streamlining your workflow and helping you get comparable images over time.



## INTERACTIVE POSITIONING ACCESSORIES

These tools automatically alert the operator when the wrong accessory is used and quickly recommend the appropriate one.

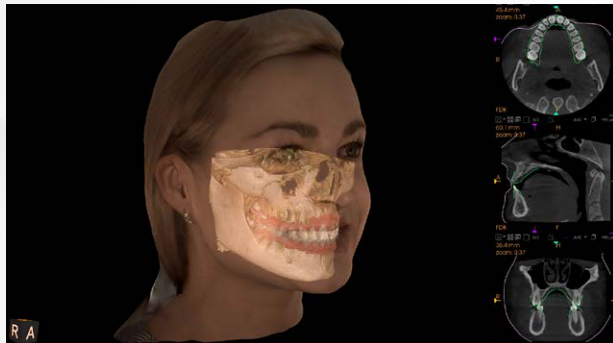


## INTEGRATED PATIENT CHAIR<sup>1</sup>

The only system with an integrated retractable seat that allows users to comfortably scan patients when higher stability is required.

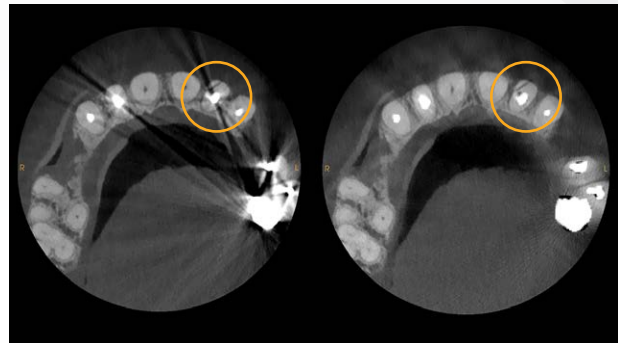


<sup>1</sup>Cannot be used for cephalometric procedures



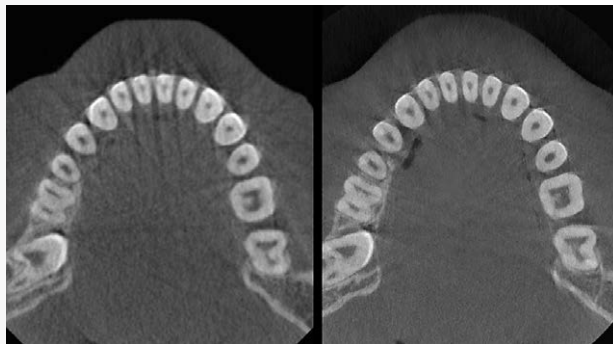
### CS FACE SCAN<sup>1</sup>

Help patients better understand treatment plans with realistic 3D facial images and surface scans automatically superimposed on CBCT images and 3D models.



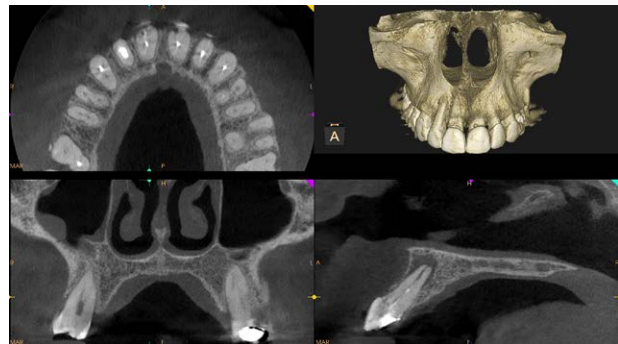
### CS MAR TECHNOLOGY<sup>1</sup>

Metal Artifact Reduction that reduces artifacts caused by restorations, implants and fillings, and provides comparative tools to help confirm diagnoses and reduce the risk of misinterpretation.



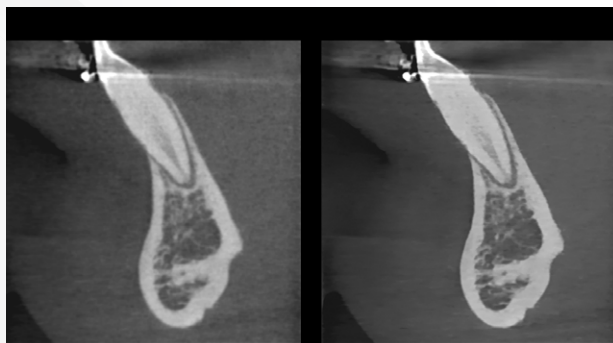
### STELLAR TECHNOLOGY

By cutting out unnecessary low-energy photons, this technology combines intelligent filtration with 120 kV X-ray tube<sup>1</sup> to reduce beam hardening artifacts and improve contrast without increasing dose.



### VERY HIGH RESOLUTION SCANS

75 microns resolution scans are perfect for endodontic needs. The CS 9600 even provides the ability to capture full mouth images at the highest resolution.



### ADVANCED NOISE REDUCTION

This algorithm reduces image noise while preserving clinical details for improved perception of cortical bone edge, ligament space, soft tissues and small details.



### LOW-DOSE 2D AND 3D SCANS

Low-dose mode allows you to follow the "as low as reasonably achievable" (ALARA) principle for both 2D and 3D imaging and delivers 3D images at a significantly lower dose than 2D panoramic imaging.

# A New Level of Sharpness

Data-driven features help clinicians achieve a new level of diagnostic excellence. Combining smart design with advanced algorithms and artificial intelligence (AI), the CS 9600 minimizes the risk of positioning mistakes to deliver ultra-sharp and reproducible panoramic images.

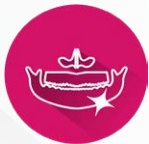


## AI-Powered Positioning

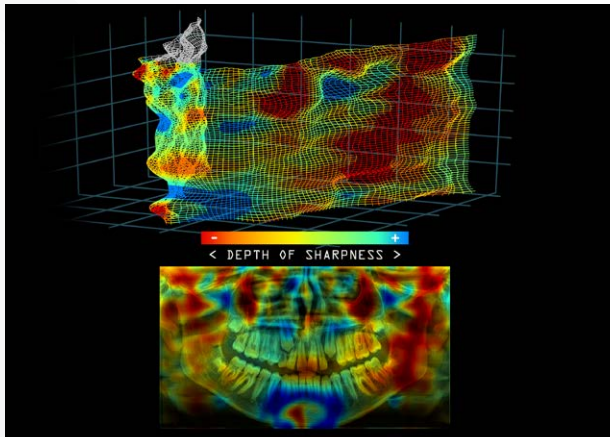


### AI-POWERED POSITIONING

Using Artificial Intelligence, the CS 9600 automatically detects the Frankfort plane to reduce the most common positioning mistakes and obtain consistent results more easily.



## Tomosharp Technology



### CRYSTAL-CLEAR PANORAMIC IMAGES

When acquiring a panoramic image, new Tomosharp technology recognizes the area where the anatomy is the sharpest and reconstructs the best possible panoramic image automatically. The result? Crystal-clear images are captured systematically.

# From Cephalometric Image to Tracing in Record Time

Go from cephalometric image to tracings in mere seconds using our state-of-the-art Scan Ceph module, image processing and automatic tracing features<sup>1</sup>.



## **FASTER SCANS, LOWER RADIATION DOSE**

Ultra-fast scans—as low as 3 seconds—reduce the risk of motion blur and exposure time. Combined with advanced orthodontic filters, the CS 9600 delivers impressive image clarity and visualization of hard and soft tissue for faster analysis.

## **FULL RANGE OF IMAGE FORMATS AND PROGRAMS**

Featuring all common projections and multiple image formats (26 cm x 24 cm<sup>1</sup> to 18 cm x 18 cm), the Scan Ceph module is an ideal choice for all your orthodontic and oral surgery needs.

## **TRUE AUTOMATIC TRACINGS**

Carestream Dental's automatic tracing feature allows you to fully trace images in just 10 seconds—saving you up to 9 minutes per analysis and improving patient education.



# Software That Creates Opportunity

Accurate, high-quality scans are crucial for the diagnosis and treatment of your patients. That's why we created intelligent software and digital solutions that not only help you see more, but do more. The CS 9600 features the industry's leading dental imaging and 3D technology, complemented by an optional suite of implant, orthodontic, restoration and airway analysis software that help you take your practice to the next level.

## Diagnosis

### CS Imaging

CS Imaging version 8 software is the hub of your imaging platform, providing one-stop access to all your 2D images, 3D images and CAD/CAM data, without switching between programs. Whether capturing data, reviewing images or sharing them with your network or patients, CS Imaging connects all Carestream Dental technologies into one single platform—the first step to an effective digital workflow.



### CS 3D Imaging

One of the industry's easiest-to-use 3D imaging software, CS 3D Imaging's features and modules improve your diagnostic and treatment planning capabilities in every specialty. From implant planning to endodontics—as well as oral surgery to orthodontics—CS 3D Imaging Software gives you everything you need to make the most out of your CBCT system. Plus, CS 3D Imaging software enables you to choose from an extensive implant library of more than 70 international manufacturers to meet your needs.



Merging the intraoral scan with a face scan and CBCT scan in the same image gives doctors the perfect foundation for prosthetic-driven implant planning.

**Dr. Medic Henriette Lerner, D.D.S.**



# Treatment Planning

Integrates seamlessly with  
Blue Sky Bio and SWISSMEDA SMOP



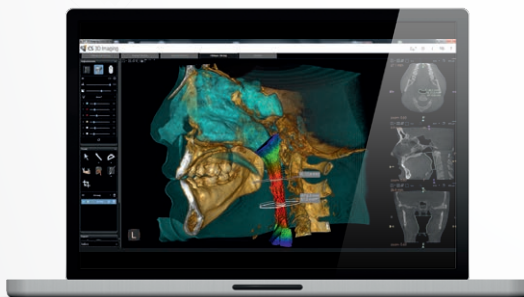
## PROSTHETIC-DRIVEN IMPLANT PLANNING

This module allows you to combine Carestream Dental's CBCT and digital impression data and add virtual crowns and implants to create a more comprehensive treatment plan that can be transferred in a single click to third-party providers to create surgical templates.



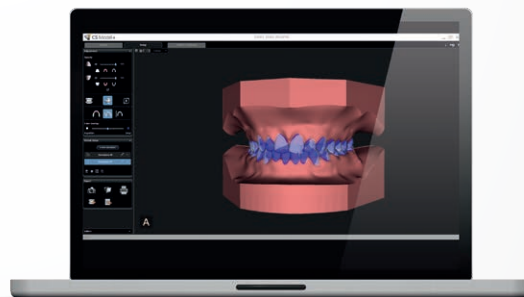
## CAD/CAM RESTORATIONS

Access state-of-the-art intuitive restorative design via exocad ChairsideCAD software, which is completely integrated into the CS Solutions platform for optimal patient experience.



## AIRWAY ANALYSIS

Combined with low-dose CBCT exams, the CS Airway module allows doctors to easily segment the airway in just a few clicks to visualize airway constrictions and communicate areas of concern to the patient.



## ORTHODONTICS—CS MODEL+

CS Model+ allows you to evaluate your digital models and create virtual orthodontic setups in minutes. Advanced options like superimposition and patient monitoring allow you to track your patient's progress over time.

# Clinical Indications For Every Specialty.

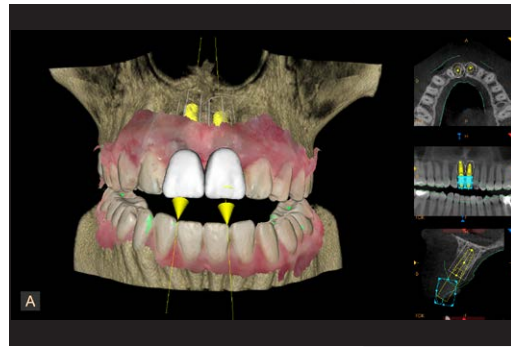
Professionals from every dental specialty, radiology and ENT helped create the CS 9600—and it shows. By considering your needs, we've created a family of scanners that every practice can benefit from. And because they're easily scalable, these scanners can evolve as your practice evolves.



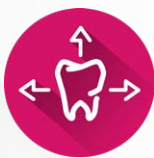
## Implants



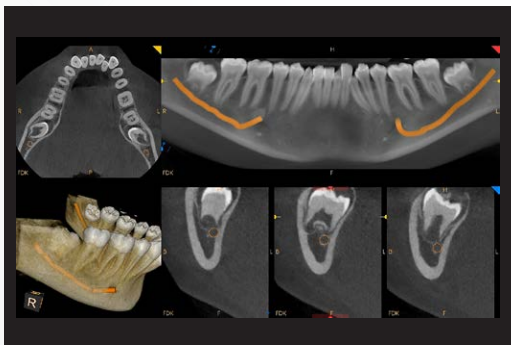
Evaluate bone quantity and quality, and localize anatomical obstacles.



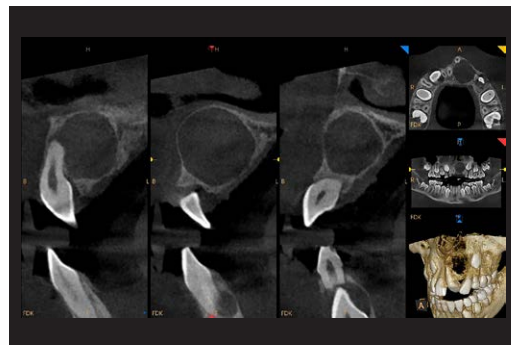
Plan implants with confidence using virtual crowns and comprehensive implant library.



## Oral Surgery



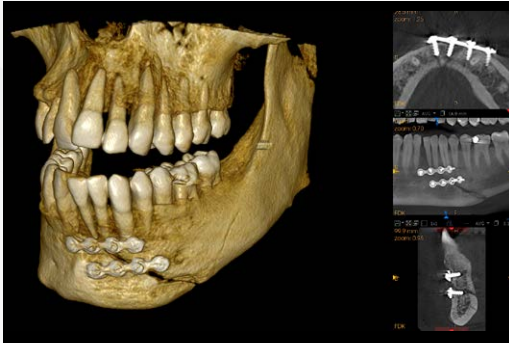
Identify relationships between impacted teeth and vital anatomical structures.



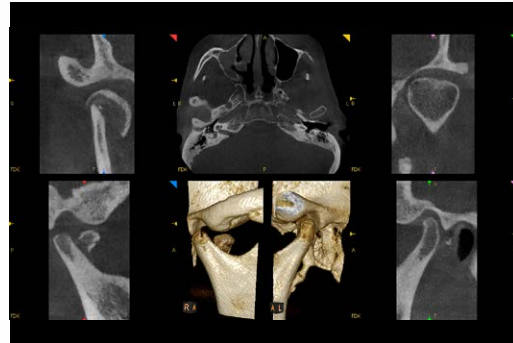
Visualize cysts and define surgical protocol for removal.



## Oral and Maxillofacial Surgery



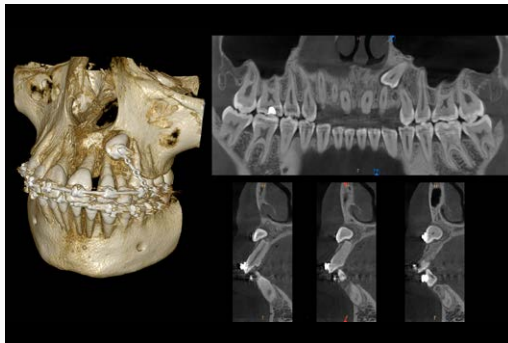
Make pre-operative and post-operative assessments.



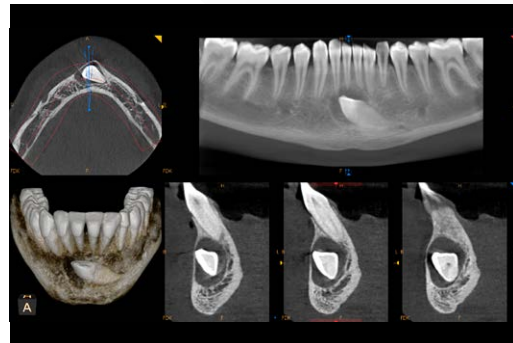
Assess TMJ dysfunction and fractures.



## Orthodontics

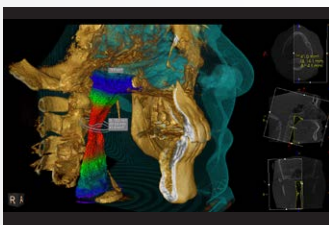


Follow orthodontic traction and communicate effectively with oral surgeon.

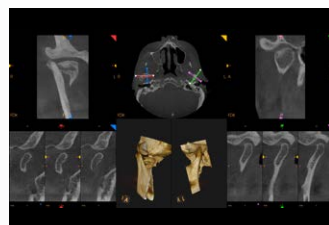


Evaluate impacted teeth and define the least invasive treatment.

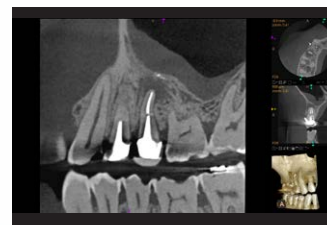
### AIRWAY ANALYSIS



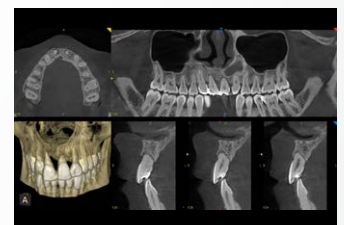
### TMJ ANALYSIS



### ENDODONTICS



### PERIODONTICS



We now have a system that is truly capable of adapting to the different workflows we have. It has clearly taken CBCT imaging to the next level.

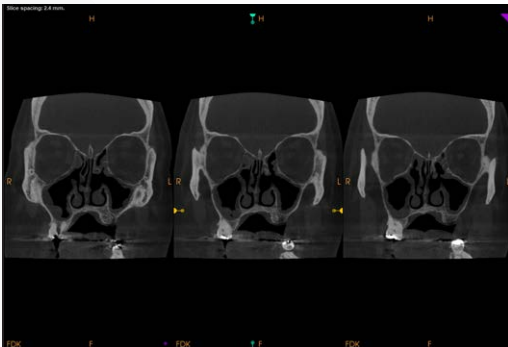
**Dr Antoine Diss, D.D.S.**

# Even More Applications

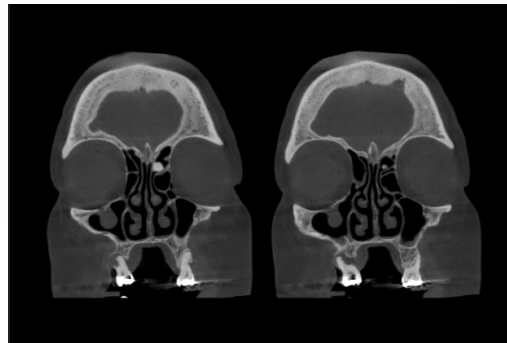


ENT

## PARANASAL SINUS

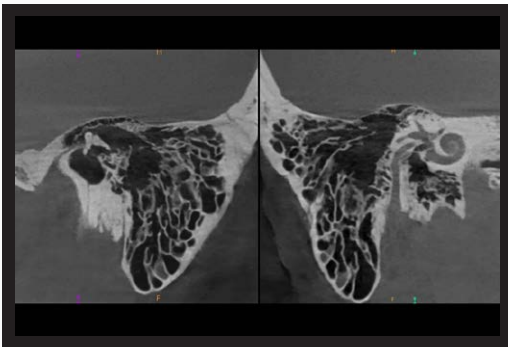


Ethmoidal sinusitis (16 cm x 17 cm).

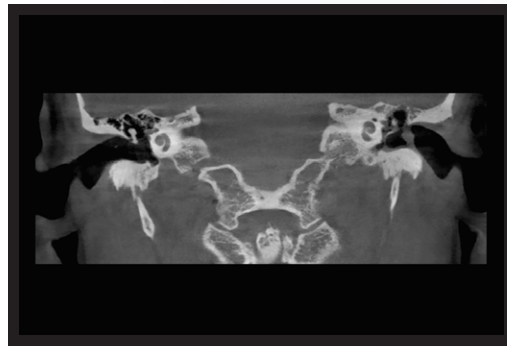


Osteoma originating from septa of ethmoid air cells.

## TEMPORAL BONES



Diagnosis of inner ear disorders (0.075 mm resolution).

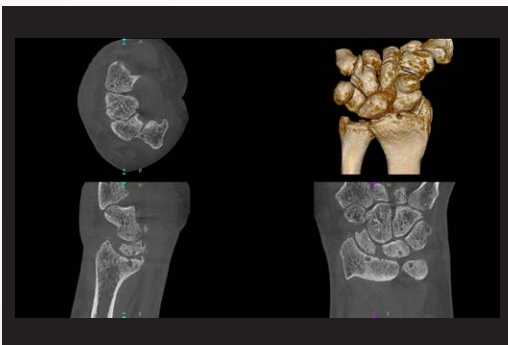


Bilateral temporal bone image showing cholesteatoma in the left ear.



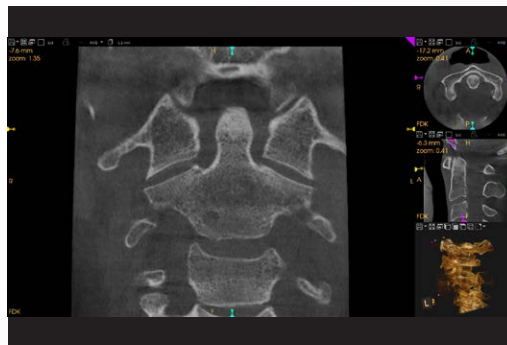
Orthopedics

## WRIST<sup>1</sup>



Diagnosis of micro-fracture, trauma and pathological changes in bone and joint structure.

## C-SPINE JOINT<sup>1</sup>



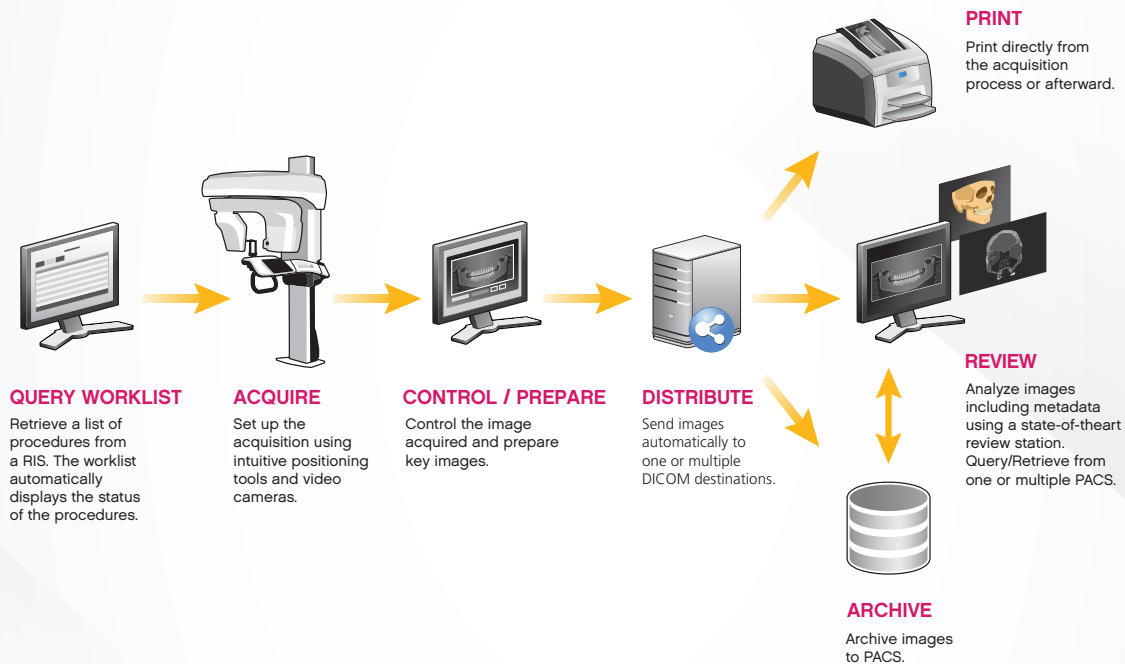
Diagnosis of trauma, arthrosis or facial dysmorphism evaluation.

# A Versatile Solution for Radiologists

Combining a broad range of indications, a familiar DICOM workflow and review workstation, the CS 9600 is an ideal solution for radiology professionals and other practitioners working in a DICOM environment.

## Familiar, Time-saving DICOM Workflow

Unlike other dental CBCT systems, the CS 9600 allows technologists and radiologists to acquire and review CBCT images similar to the way they do with other modalities.

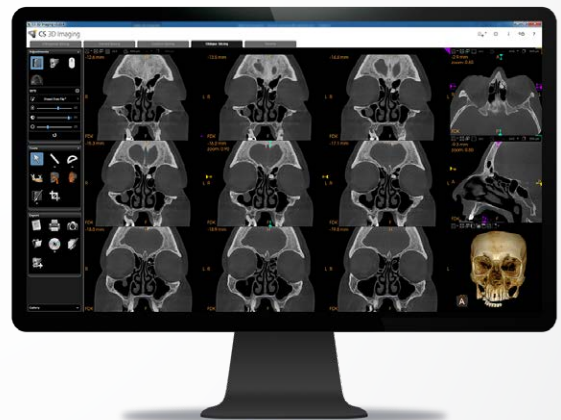


### STATE-OF-THE-ART 2D/3D REVIEW STATION

CS Imaging suite combined with CS DICOM provides a powerful 2D/3D review station that features advanced viewing functions for dental, maxillofacial and ENT needs. All images, stored on the local repository and on PACS, are accessible from a single image gallery, which makes image search and transfer faster.

### A DICOM-COMPLIANT SOLUTION

The system's DICOM conformance ensures the unit works with RIS, PACS and printing systems.



# Designed For Every Specialty. Built Just For You.



4 cm x 4 cm  
5 cm x 5 cm  
6 cm x 6 cm






5 cm x 8 cm

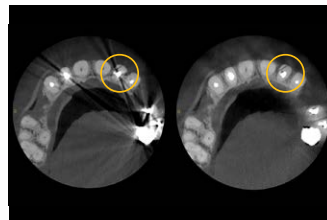


8 cm x 5 cm  
10 cm x 5 cm  
12 cm x 5 cm

Flexibility With Up To  
14 Fields of View Available

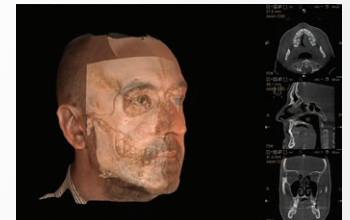
 <p><b>UPGRADEABLE</b></p>	<p><b>CS 9600 12x10 Edition</b> 10 FOVs Available: 4 cm x 4 cm to 12 cm x 10 cm <b>Specialty:</b> General Dentistry, Implants, Periodontics, Prosthodontics, Oral Surgery</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
 <p><b>UPGRADEABLE</b></p>	<p><b>CS 9600 16x10 Edition</b> 12 FOVs Available: 4 cm x 4 cm to 16 cm x 10 cm <b>Specialty:</b> Implants, Oral and Maxillofacial Surgery, Periodontics, Prosthodontics</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
	<p><b>CS 9600 16x17 Edition</b> 14 FOVs Available: 4 cm x 4 cm to 16 cm x 17 cm <b>Specialty:</b> Oral and Maxillofacial Surgery, Orthodontics, Radiology, ENT</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>

## Versatile Imaging Options



### CS MAR<sup>1</sup>

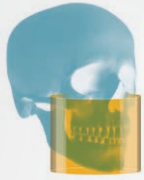
Automatically reduces metal artifacts and lets users compare images live with and without filter for more confident diagnoses.



### CS FACE SCAN<sup>1</sup>

Creates realistic 3D facial images and superimposes surface scans on CBCT images and 3D models, helping patients better understand treatment plans.

In developing the new CS 9600 family, we considered the needs of all of our customers. That's why we created three different field of view editions and offer so many licensed options. We truly want you to be able to configure your CS 9600 scanner to meet your specific treatment planning and diagnostic needs. **Configure yours today at [carestreamdental.com/9600Config](http://carestreamdental.com/9600Config)**



8 cm x 8 cm  
10 cm x 10 cm

12 cm x 10 cm

16 cm x 6 cm

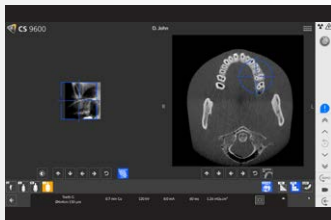
16 cm x 10 cm

16 cm x 12 cm

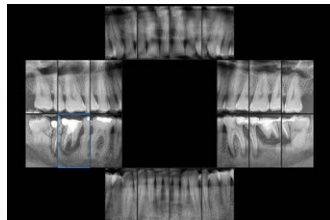
16 cm x 17 cm

✓	✓	Upgradeable	Upgradeable	Upgradeable	Upgradeable
✓	✓	✓	✓	Upgradeable	Upgradeable
✓	✓	✓	✓	✓	✓

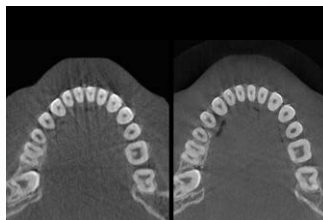
FOV upgrades are implemented through a software upgrade—no hardware change is necessary.



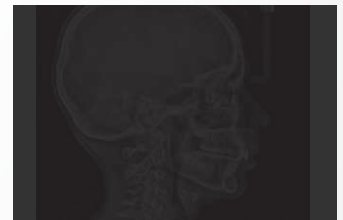
**SMARTAUTO PACKAGE<sup>1</sup>**  
SmartAuto Pan and SmartAuto 3D features provide a new level of workflow automation and exam precision.



**EXTRAORAL FMS<sup>1</sup>**  
Generates full-mouth series images from a 2D panoramic exam, ideal for when intraoral X-rays cannot be performed.



**120 KV<sup>1</sup>**  
By upgrading from the standard 90 kV model, you can dramatically increase image quality and reduce artifacts without increasing dose.



**CEPHALOMETRIC IMAGING<sup>1</sup>**  
The CS 9600 family is cephalometry ready from day one, so you can capture and analyze precise cephalometric images quickly and accurately.

# Keep Your High-Performance Scanner in Top Form.



**CS Advantage** is our premium service program, providing a full array of service, support and warranty options for your purchase. Enroll at the same time you purchase your Carestream Dental product to ensure the best performance, starting on the very first day.

## CS Advantage:



Extends the terms of the standard warranty that comes with your system and increases the length of the coverage to best suits your needs.

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Provides immediate access to the latest updates available for your software.

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Covers training and support service for continuing education, as well as ongoing support for the best possible equipment and software experience.

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**Exclusive remote monitoring technology** that continuously screens the CS 9600 system and makes it easy to detect and resolve system errors, prevent downtime and maximize system availability. CS UpStream<sup>1</sup> is available as an add-on to the CS Advantage program.



Learn more about the CS 9600 family  
at [carestreamdental.com](https://www.carestreamdental.com)