Carestream
DENTAL

CS 8200 3D FAMILY
NEO EDITION

Seeing the difference
makes **the difference**

CS 8200 3D

NEO EDITION

See the potential of your practice in an exciting new light with the **CS 8200 3D Neo Edition**. It's the versatile 4-in-1 CBCT imaging system that enables a smoother workflow, delivers precision for every decision, and enables better patient outcomes.

The Neo Edition is a new and enhanced version of the award winning CS 8200 3D technology. This easy-to-use system is compact enough to fit into tight spaces yet delivers 3 huge benefits.

1. **Outstanding precision**

2. **Smoother workflow**

3. **Extended capabilities**

Learn more about the Neo Edition of the CS 8200 3D

"The CS 8200 3D has given me more peace of mind, confidence and the ability to provide better diagnoses. It makes me a more predictable dentist, and I'm able to offer solutions that I couldn't before."
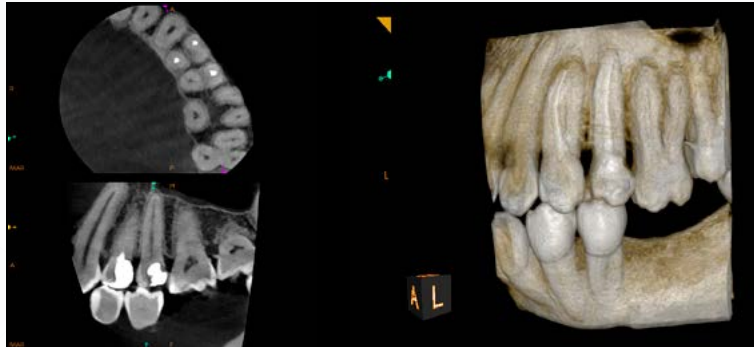
Dr. Kamal Singh Missan, D.D.S

Outstanding **precision**

Powered by Carestream Dental's premium imaging technologies and software, the **CS 8200 3D Neo Edition** delivers superb image quality in all modalities, helping you to make the best decisions in diagnosis and treatment planning.

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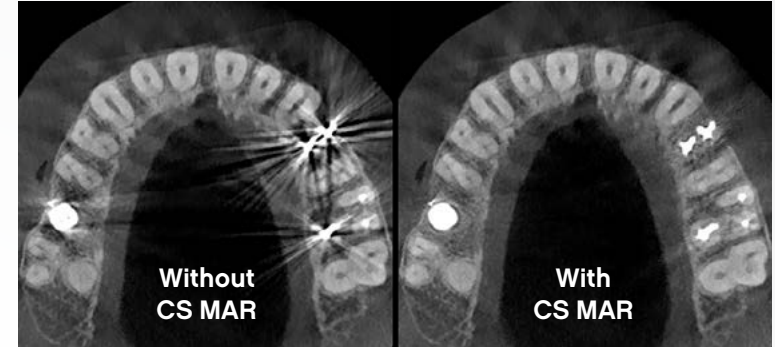
To make the
best decisions,
I need the **right**
information

75-micron precision

The CS 8200 3D Neo Edition visualizes the tiniest details in extremely high-resolution images perfectly suited for endodontic indications, You can even capture a 75 microns scan on single and dual arch modes for endodontic full-mouth status.

Without CS MAR

With CS MAR

Artifact-free images

Game-changing CS MAR technology with live comparison automatically reduces metal artifacts caused by implants, fillings or restoration. This helps to confirm diagnosis and reduces the risk of misinterpretation.

< DEPTH OF SHARPNESS >
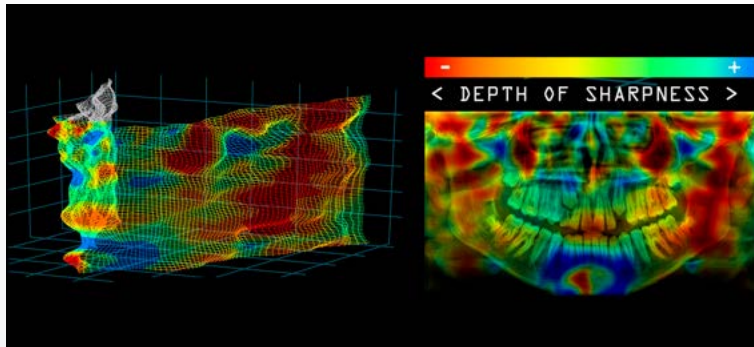
Outstanding 2D images

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 in an instant.

50% lower dose

Lower dose 2D images

The low-dose panoramic mode delivers clear images at 50% less dosage to the patient.
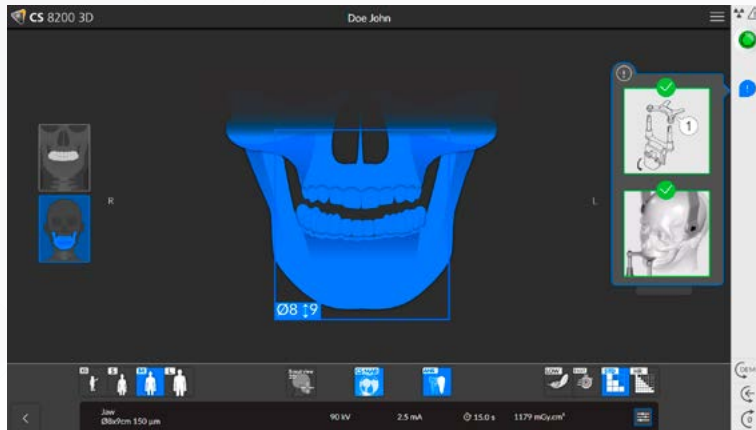
Smoother **workflow**

Exam set up is now less complicated. The **CS 8200 3D Neo Edition** is designed with a range of special features that makes positioning easier and enables a smoother workflow.

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Time always matters.
So, **I need simplicity**

Simple and intuitive user interface

Our new intuitive user interface makes capturing better images effortless. All settings are displayed on the same screen and pop-up windows indicate which accessories should be used for each exam.

Single-touch repeatability

Parameters are recorded for each patient, making follow-up exams repeatable with a single touch. This streamlines your workflow and delivers comparable images over time.
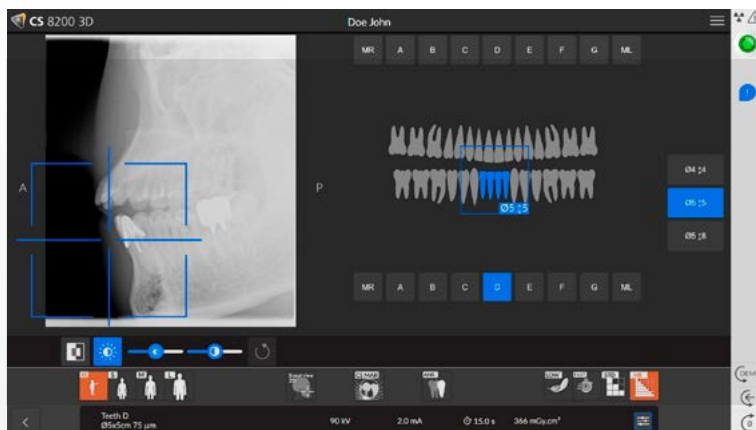
Reduced risk of retakes

Low scout image enables easy control of imaging area prior to examination. It reduces risk of retakes and facilitates the use of the smallest FOV.

Smart positioning

Smart, laser-free face-to-face positioning facilitates proper patient placement, improves patient comfort and leads to fewer retakes.

Extended **capabilities**

The **CS 8200 3D Neo Edition** does more than deliver precision, its versatility creates new possibilities and expands the range of treatments you can offer.

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I can do more treatment types and **keep more patients**

CBCT imaging

**2D panoramic imaging**

4-IN-1 VERSATILITY

Upgradable with cephalometric imaging

3D model scanning

The right image at the right dose

The **CS 8200 3D Neo Edition** is a versatile CBCT system featuring the broadest range of fields of view in its category, ideal for practices that want to expand their treatment capabilities. With up to nine fields of view, including extended field of view perfectly suited for scanning a full arch in a single scan, you can obtain the ideal image for each individual exam at the lowest dose. It covers all clinical needs for implants, periodontal, endodontic and orthodontic procedures, as well as oral surgery and airway analysis.
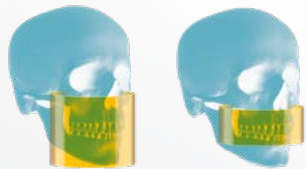
| 12 cm × 10 cm[1] 12 cm × 5 cm[1]	10 cm × 10 cm[1] 10 cm × 5 cm[1]	8 cm × 9 cm 8 cm × 5 cm	5 cm × 8 cm	4 cm × 4 cm 5 cm × 5 cm
Capture maxilla and / or mandible full arch images including third molar	For full arch scan on smaller patients while reducing dose area	Captures lower and / or upper dentition	Capture opposing teeth to better manage occlusion for implant cases	For local and endodontic examinations with the highest level of details

[1] 10 cm × 5 cm, 10 cm × 10 cm, 12 cm × 5 cm and 12 cm × 10 cm are options. In Ontario (Canada), the use by dentists of FOVs over 8 × 8 cm is subject to conditions.
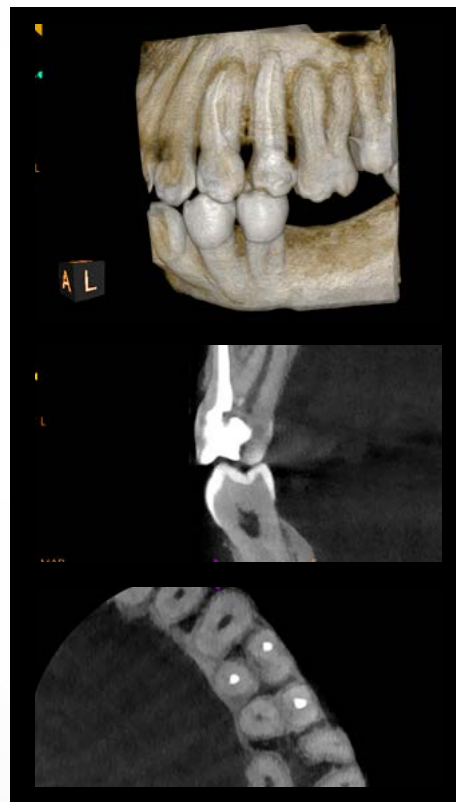
Embrace new **possibilities of CBCT**

CBCT imaging can be used for a variety of everyday clinical tasks including endodontics, third-molar removal, pre-surgical planning and more.
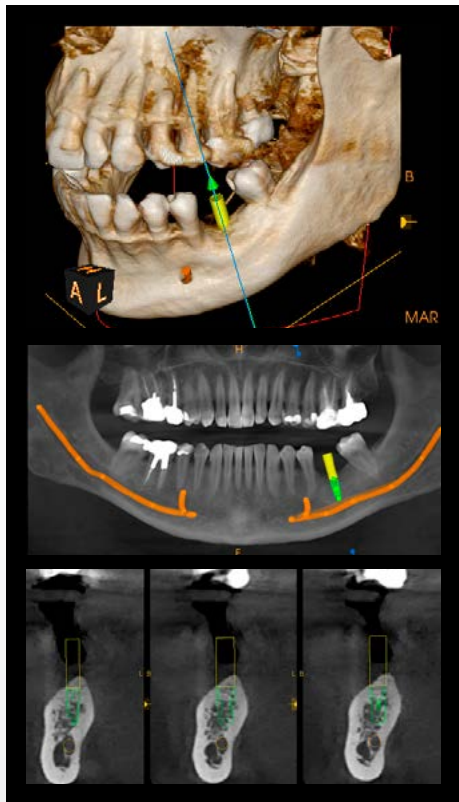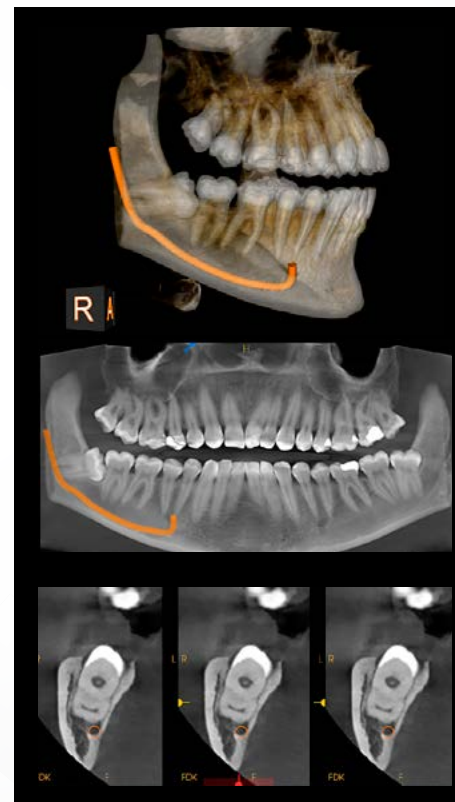

Implants

Evaluate bone quantity and quality and localize anatomical obstacles.

Endodontics

Assess precisely tooth and root canal morphology, diagnose fractures and periapical lesions.

Oral surgery

Visualize impacted teeth or cysts and define surgical protocol for removal.

Orthodontics

Evaluate impacted teeth and follow up orthodontic treatment.

Imaging software gets the **most from each scan**

Having a great scan is a good start but getting the most from the image is even better. Our portfolio of innovative image imaging software and optional add-on modules enables you to expand capabilities on your own terms.


CS Imaging

Discover a new generation of dental imaging software with CS Imaging version 8. This powerful platform provides easy one-stop access to all your 2D images, 3D images and CAD/CAM data, so you can manage your digital workflow more effectively.

CS 3D Imaging

This user-friendly program is designed to enhance patient communication and improve diagnostic and treatment planning capabilities in implant planning, endodontics, oral surgery and orthodontics.
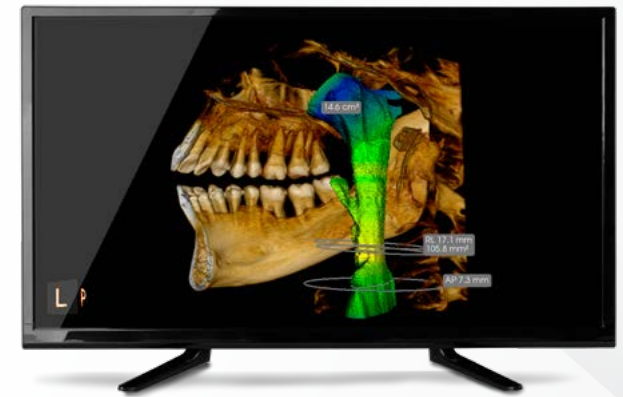
Optional modules

Prosthetic-driven implant planning

A user-friendly and open software to plan implants with higher predictability.

CS Airway

Simplifies airway analysis through color-coded views and automatic measurements.

Automatic tracing

Trace cephalometric images in just 10 seconds.

Technical specifications

X-Ray Generator	
Tube voltage	60-90 kV
Tube current	2-15 mA
Frequency	140 kHz
Minimum required space	Without ceph arm: 1200 (L) × 1400 (D) × 2400 (H) mm With ceph arm: 2000 (L) × 1400 (D) × 2400 (H) mm
Weight	Without ceph arm: 95 kg (210 lb.) With ceph arm: 125 kg (276 lb.)

3D Modality	
Field Of View diameter × height (cm)	4 × 4 – 5 × 5 – 5 × 8 – 8 × 5 – 8 × 9[1] (in Ontario 8 × 8) 10 × 5[1] – 10 × 10^{1} – 12 × 5[1] – 12 × 10^{1}
Voxel size (µm)	75 µm minimum
Exposure time	3 to 15 s for FOV < 10 cm (Ø) / to 20 s (2 × 10 s) for FOV ≥ 10 cm (Ø)

Panoramic Modality	
Magnification	1.2
Radiological exam options	Full panoramic, segmented panoramic (including bitewing segmented panoramic), maxillary sinus, LA TMJ × 2, LA TMJ × 4
Exposure time	2 to 14 seconds

Cephalometric Modality	
Magnification	1.13
Radiological exams	Lateral, frontal AP or PA, oblique, submento-vertex, carpus (optional)
Exposure time	2.9 to 11 seconds

[1] Option: In Ontario (Canada), the use by dentists of FOVs over 8 × 8 cm is subject to conditions.

CS 8200 3D Neo Edition
without cephalometric arm

CS 8200 3D Neo Edition
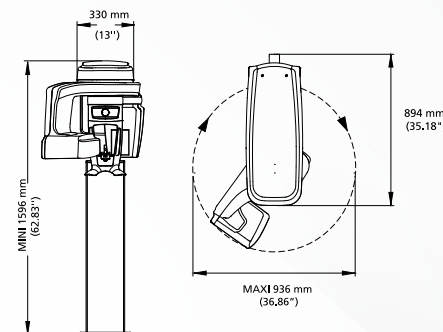**with** cephalometric arm

CS UpStream

New CS UpStream[1] premium service. 24/7 advanced monitoring service for your equipment, prevents downtime and maximizes system availability.

Learn more about the CS 8200 3D Neo Edition by visiting carestreamdental.com

Precision for every **decision**

Carestream
DENTAL