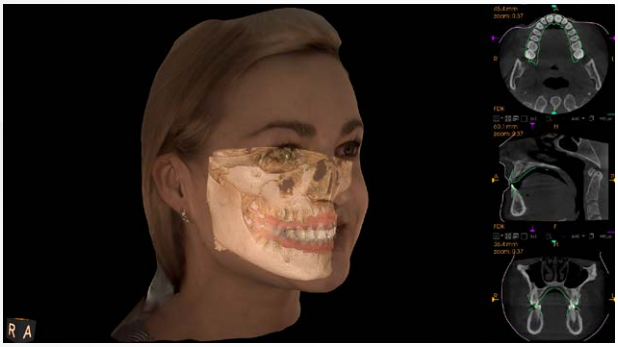
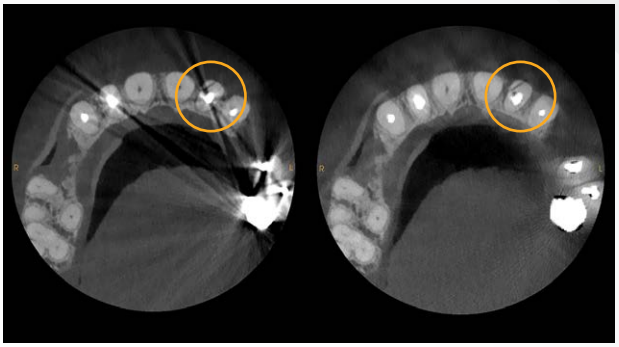
Carestream DENTAL

Intelligence Drives Precision

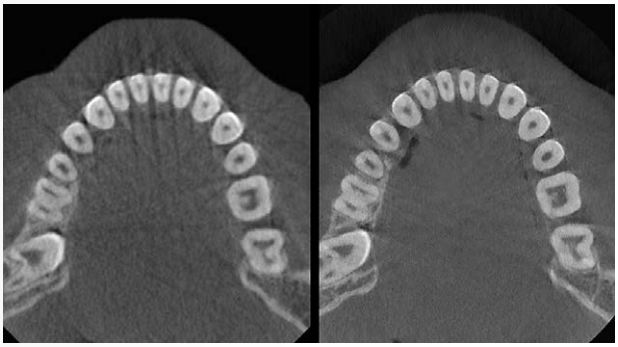
CS 9600 FAMILY



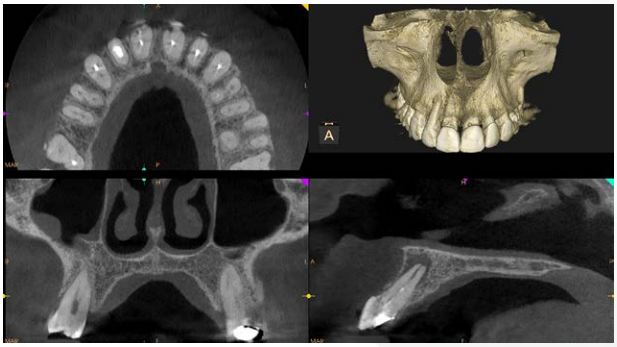
CS FACE SCAN[1]
Help patients better understand treatment plans with realistic 3D facial images and surface scans automatically superimposed on CBCT images and 3D models.



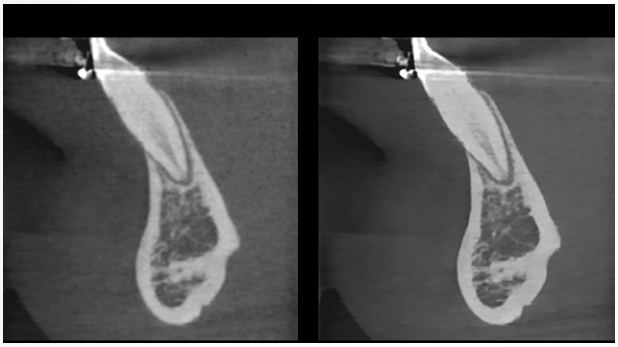
CS MAR TECHNOLOGY[1]
Metal Artifact Reduction that reduces artifacts caused by restorations, implants and fillings, and provides comparative tools to help confirm diagnoses and reduce the risk of misinterpretation.



STELLAR TECHNOLOGY
By cutting out unnecessary low-energy photons, this technology combines intelligent filtration with 120 kV X-ray tube[1] 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.



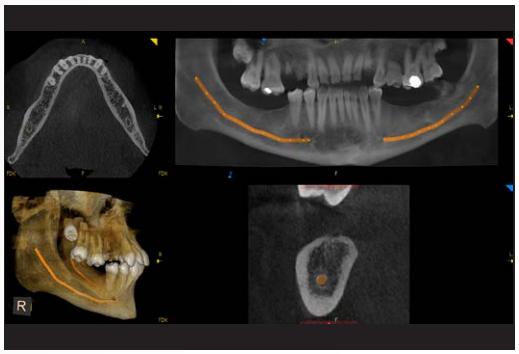
ADVANCED NOISE REDUCTION
This algorithm reduces image noise while preserving clinical details for improved perception of cortical bone edge, ligament space, soft tissues and small details.

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.

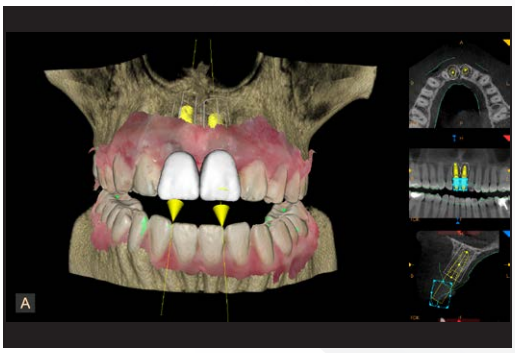
Clinical Indications For Every Specialty.

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

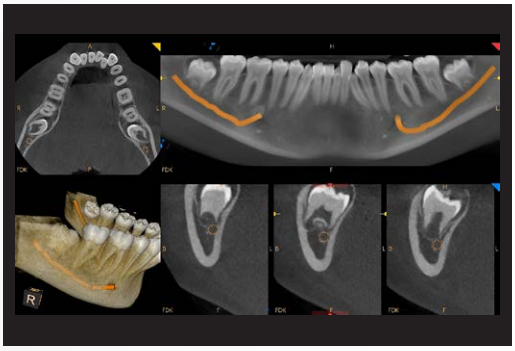


Evaluate bone quantity and quality, and localize anatomical obstacles.

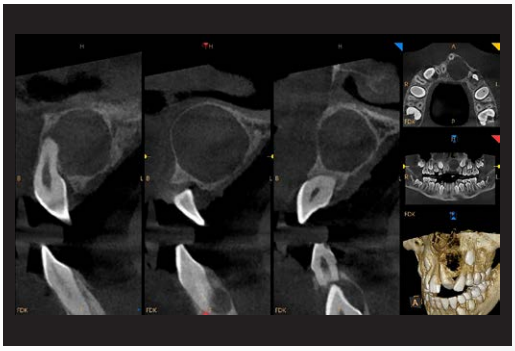


Plan implants with confidence using virtual crowns and comprehensive implant library.

Oral Surgery

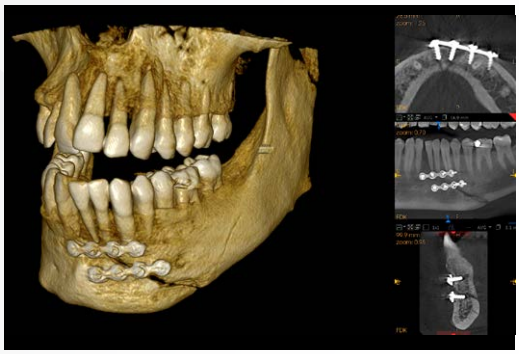


Identify relationships between impacted teeth and vital anatomical structures.

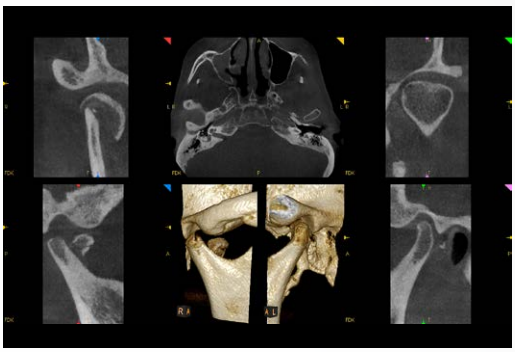


Visualize cysts and define surgical protocol for removal.

Oral and Maxillofacial Surgery

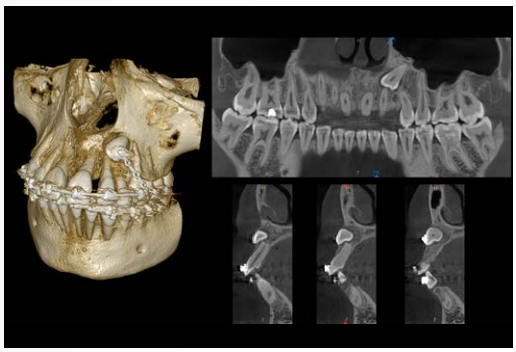


Make pre-operative and post-operative assessments.

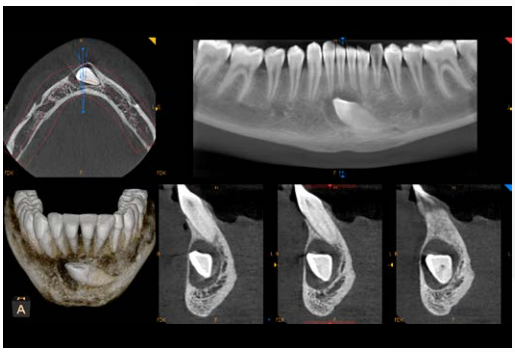


Assess TMJ dysfunction and fractures.

Orthodontics

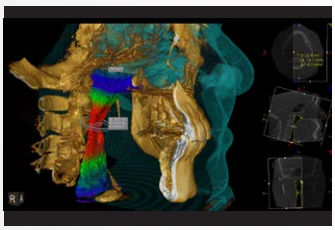


Follow orthodontic traction and communicate effectively with oral surgeon.

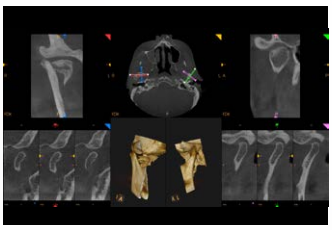


Evaluate impacted teeth and define the least invasive treatment.

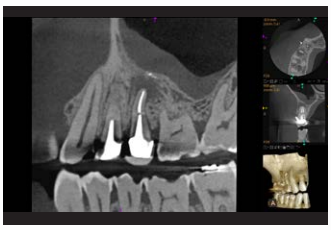
AIRWAY ANALYSIS



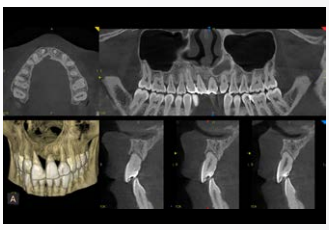
TMJ ANALYSIS



ENDODONTICS



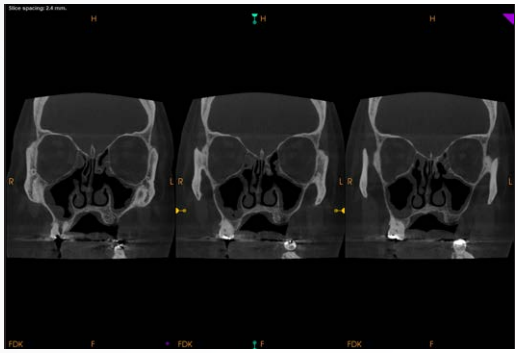
PERIODONTICS



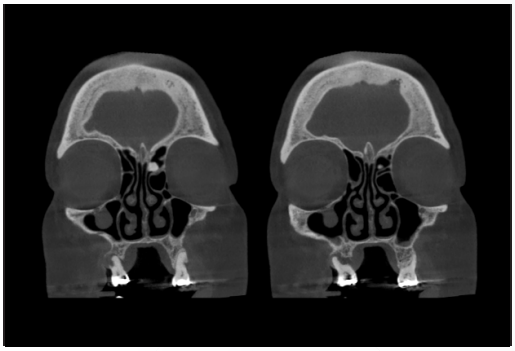
Even More Applications

ENT

PARANASAL SINUS

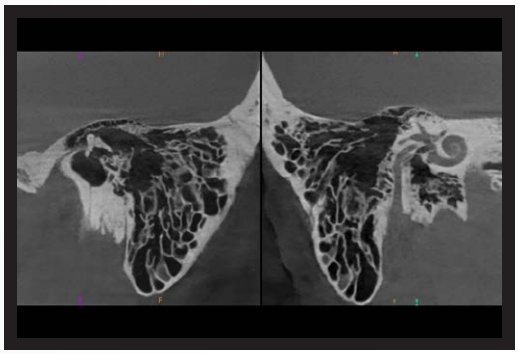


Ethmoidal sinusitis (16 cm x 17 cm).



Osteoma originating from septa of ethmoid air cells.

TEMPORAL BONES

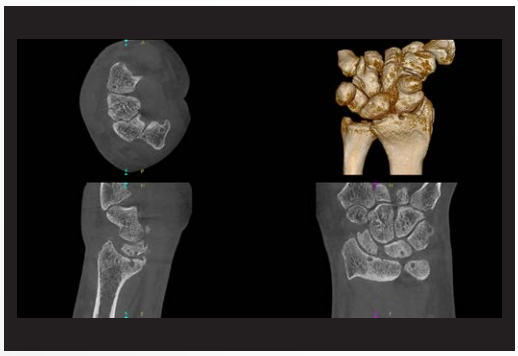


Diagnosis of inner ear disorders (0.075 mm resolution).

Bilateral temporal bone image showing cholesteatoma in the left ear.

Orthopedics

WRIST[1]



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

C-SPINE JOINT[1]

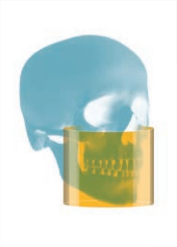
Diagnosis of trauma, arthrosis or facial dysmorphy evaluation.

Flexibility With Up To 14 Fields of View Available

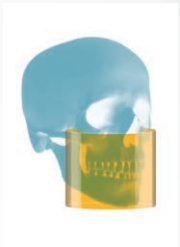
4 cm x 4 cm
5 cm x 5 cm
6 cm x 6 cm

5 cm x 8 cm

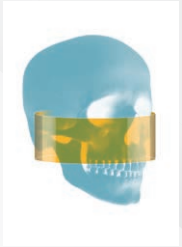
8 cm x 5 cm
10 cm x 5 cm
12 cm x 5 cm



8 cm x 8 cm
10 cm x10 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

CS 9600 12x10 Edition

10 FOVs Available: 4 cm x 4 cm to 12 cm x 10 cm
Specialty: General Dentistry, Implants, Periodontics, Prosthodontics, Oral Surgery

CS 9600 16x10 Edition

12 FOVs Available: 4 cm x 4 cm to 16 cm x 10 cm
Specialty: Implants, Oral and Maxillofacial Surgery, Periodontics, Prosthodontics

CS 9600 16x17 Edition

14 FOVs Available: 4 cm x 4 cm to 16 cm x 17 cm
Specialty: Oral and Maxillofacial Surgery, Orthodontics, Radiology, ENT