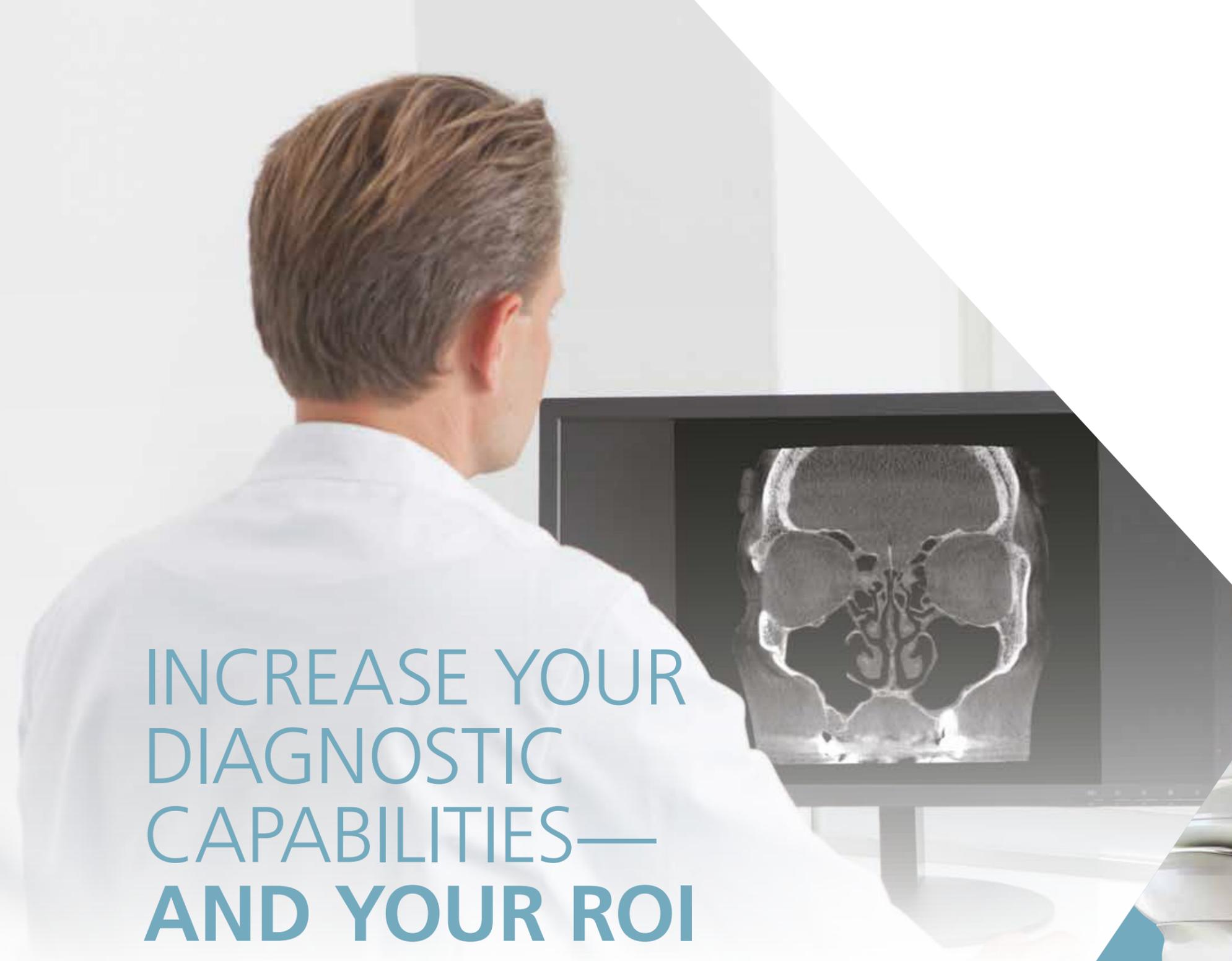




EVERYTHING
YOU NEED IN A
POINT-OF-CARE CT



INCREASE YOUR DIAGNOSTIC CAPABILITIES— AND YOUR ROI

With lower start-up and operating costs than similar point-of-care CT systems and conventional multi-detector CT systems, the CS 9300 gives you a solid return on your investment. For smaller practices with lower CT scan volumes, the affordability of the CS 9300 means you can meet your patients' imaging needs without referring them out. For larger offices, that same attractive pricing enables you to purchase more than one unit and optimize practice workflow and patient convenience. Since the CS 9300 fits virtually anywhere—with no dedicated room required—you can maximize your investment even further.

The CS 9300's open, upright design allows patients to either sit or stand during imaging. As a result, you can accommodate patients of all shapes, sizes and physical abilities and minimize the potential for claustrophobia. Face-to-face positioning increases patient comfort and reduces the risk of motion blur.

The fully motorized CS 9300 enables easy adjustments, while positioning tools ensure optimal placement. Fast scan times (12-28 seconds) minimize patient motion and the risk of retakes, while multiple pre-set sinus and temporal bone programs reduce set-up and operator effort. Intuitive imaging software makes image viewing and management easy.

The CS 9300 is a no-surprise, turnkey system that is simple to install and implement into your practice.

- Cone beam CT scanner, computer, imaging software, positioning aids, quality control testing tools
- Comprehensive CT accreditation support and medical physics services
- Compatibility with most image-guided surgery systems
- Remote image storage and access from any PC
- Onsite and online operator training and installation
- Shipping and parts and labor warranty
- Various options and extended service programs available



RAISE YOUR EXPECTATIONS. LOWER YOUR DOSE.

The CS 9300 system for point-of-care CT imaging enables faster, more accurate diagnosis and treatment. Your patients will welcome the convenience of immediate imaging, faster diagnosis and the ability to begin the correct treatment more quickly. Plus, the CS 9300 delivers high-quality images at a fraction of the radiation dose of conventional multi-detector CT systems—which is critical for pediatric patients and those requiring multiple scans.

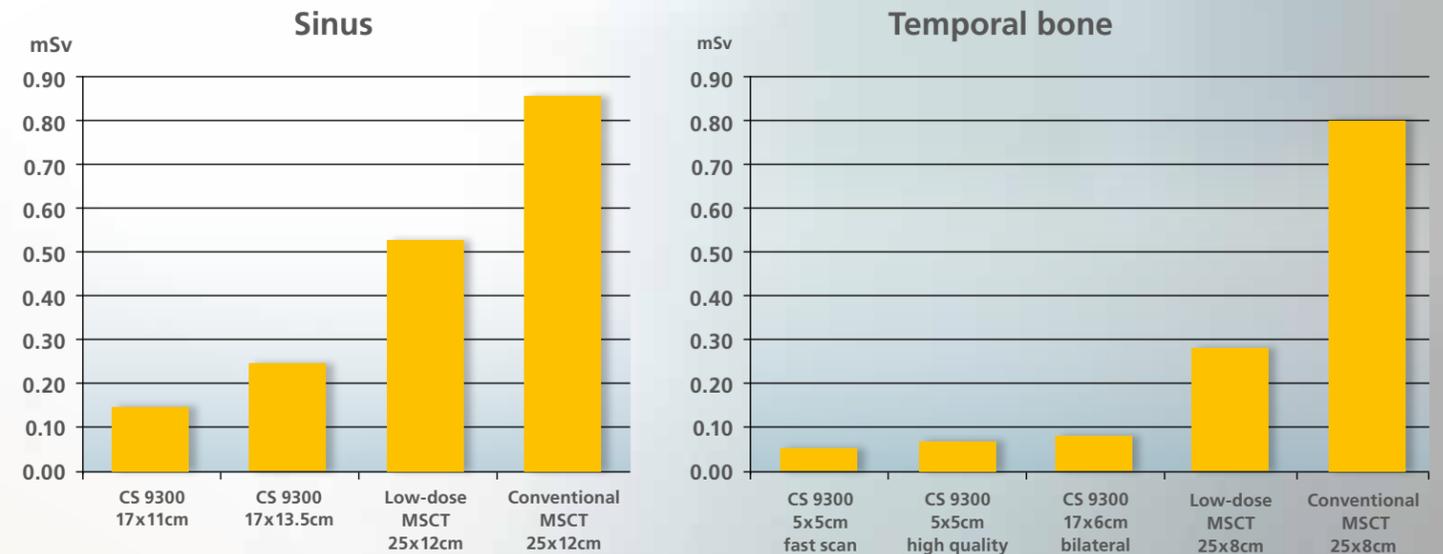
The system's isotropic, spatial resolution enables good visualization of sinus structures, sub-millimeter structures at air-borne interfaces, and middle and inner ear components and interfaces—such as the tympanic membrane, ossicles, semicircular canals, mastoid air cells and cochlea.¹

Cone beam CT technology (CBCT) is also useful for applications requiring reduced metal artifacts, such as cochlear implant imaging.²

SINUS AND TEMPORAL BONE FIELDS OF VIEW

FIELDS OF VIEW SCANNING TIME RESOLUTION	REGION OF INTEREST	SAMPLE IMAGES	RECOMMENDED APPLICATIONS
Sinus 17 x 13.5 cm 28 sec. 0.3 – 0.5 mm			<ul style="list-style-type: none"> Paranasal sinus evaluation Chronic sinusitis with and without polyps Image guided sinus surgery Craniofacial evaluation
Sinus 17 x 11 cm 12 or 20 sec. 0.25 - 0.5 mm			<ul style="list-style-type: none"> Chronic sinusitis with and without polyps Treatment follow up (17x11 fast) Pediatric sinus evaluation (17x11 fast)
Temporal bone 17 x 6 cm 20 sec. 0.20 - 0.5 mm			<ul style="list-style-type: none"> Cochlear implant evaluation and follow up Otosclerosis and cholesteatoma Superior semicircular canal dehiscence Image guided temporal surgery
Temporal bone 8 x 8 cm 20 sec. 0.20 - 0.3 mm			<ul style="list-style-type: none"> Chronic otitis media Cholesteatoma Superior semicircular canal dehiscence
Temporal bone 5 x 5 cm 12 or 20 sec. 0.09 - 0.2 mm			<ul style="list-style-type: none"> Cochlear implant evaluation and follow up Otosclerosis and cholesteatoma Superior semicircular canal dehiscence

EFFECTIVE DOSE COMPARISON OF CS 9300 CONE BEAM CT (CBCT) AND MULTI-SLICE CT (MSCT)^{4,5,6} SYSTEMS



The CS 9300 delivers up to 94% less radiation than conventional MSCT units and up to 84% less radiation than low-dose MSCT units. The system's selectable fields of view, resolution and scan times enable you to achieve optimal radiation levels and maintain consistency with the ALARA (As Low as Reasonably Achievable) principle.

1 Xu J, Reh D, Carey J, Mahesh M, Siewerdsen JH. Technical assessment of a cone beam CT scanner for otolaryngology imaging: image quality, dose and technique protocols. Med. Phys. Accepted for publication, July 2012.
 2 Gupta R, et al. Experimental flat-panel high-spatial-resolution volume CT of the temporal bone. Amer J Neuroradiol 2004;25:1417-1424.
 3 Ludlow JB. Effective doses of CS 9300 cone beam CT system conducted in June 2011. ICRP 2007 tissue weights used. Absorbed dose calculated for bone marrow, thyroid, esophagus, skin, bone surface, salivary glands, brain, lymphatic nodes, extrathoracic airway, muscle, oral mucosa.
 4 Faccioli et al. Radiol Med. 114: 1308-1319, 2009.
 5 Niu et al. AJNR 31: 226-229, 2010.
 6 Ludlow JB, Ivanovic M. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 106: 106-114, 2008

ENJOY EXPERT ACCREDITATION SUPPORT

CT accreditation is required for reimbursement from Medicare, Medicaid and select private insurance companies. We offer a unique and comprehensive program that includes one-day, onsite accreditation support and unlimited online and telephone support for one year. This program also includes:

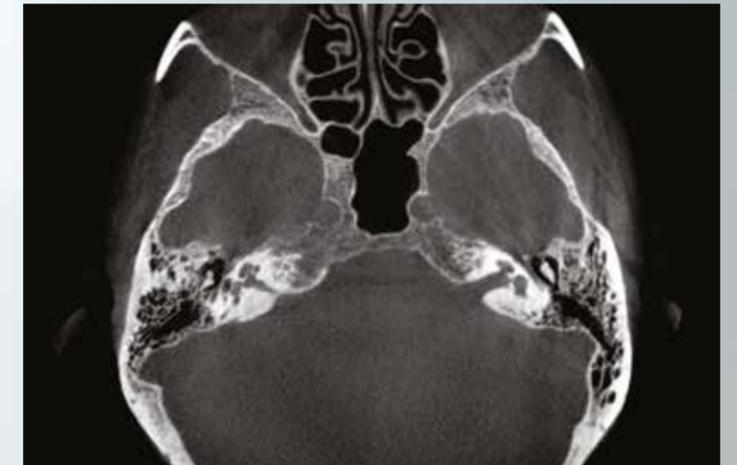
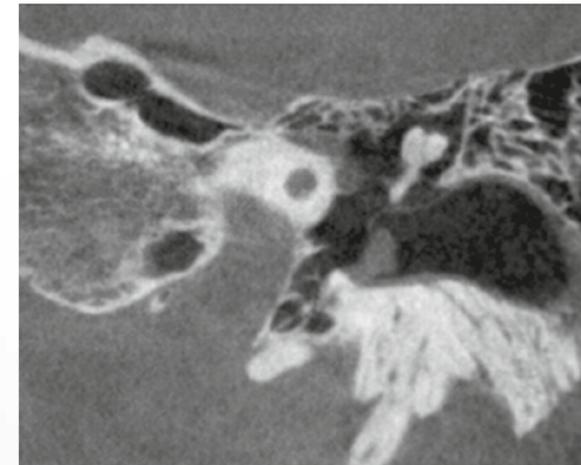
- In-depth application support
- Policies and procedures
- Radiation safety training
- Third-party medical physicist services
- Quality control testing support
- Final review of submitted application materials
- Ongoing accreditation support*



DISCOVER DEPENDABLE IMAGE STORAGE AND ANYWHERE, ANYTIME ACCESS.

Carestream Vue for Cloud Services provides remote image storage and access from any PC.

- Security-rich, regulatory-compliant image access through an internet connection
- Remote, long-term storage and disaster recovery with 24/7 monitoring and 99.9% uptime
- Easy collaboration between clinicians at different locations, including referring physicians and radiologists
- State-of-the-art cloud platform with over 30 million studies managed globally



STAY TUNED AND COVERED. ENROLL IN THE CS ADVANTAGE PLAN.

Get the extended warranty coverage, software updates, training and support you need to ensure the best possible experience with your equipment and software purchase. It's easy with our CS Advantage plan. Contact your Carestream Dental representative for more information.

At Carestream Dental, we create innovative solutions that lead to transformational outcomes. With advanced technology—delivered through a simple user interface—our systems and software facilitate more confident diagnoses and treatment planning. Practitioners and patients alike benefit from higher quality results and a better overall experience.

Learn more at [carestreamdental.com/ENT](https://www.carestreamdental.com/ENT)