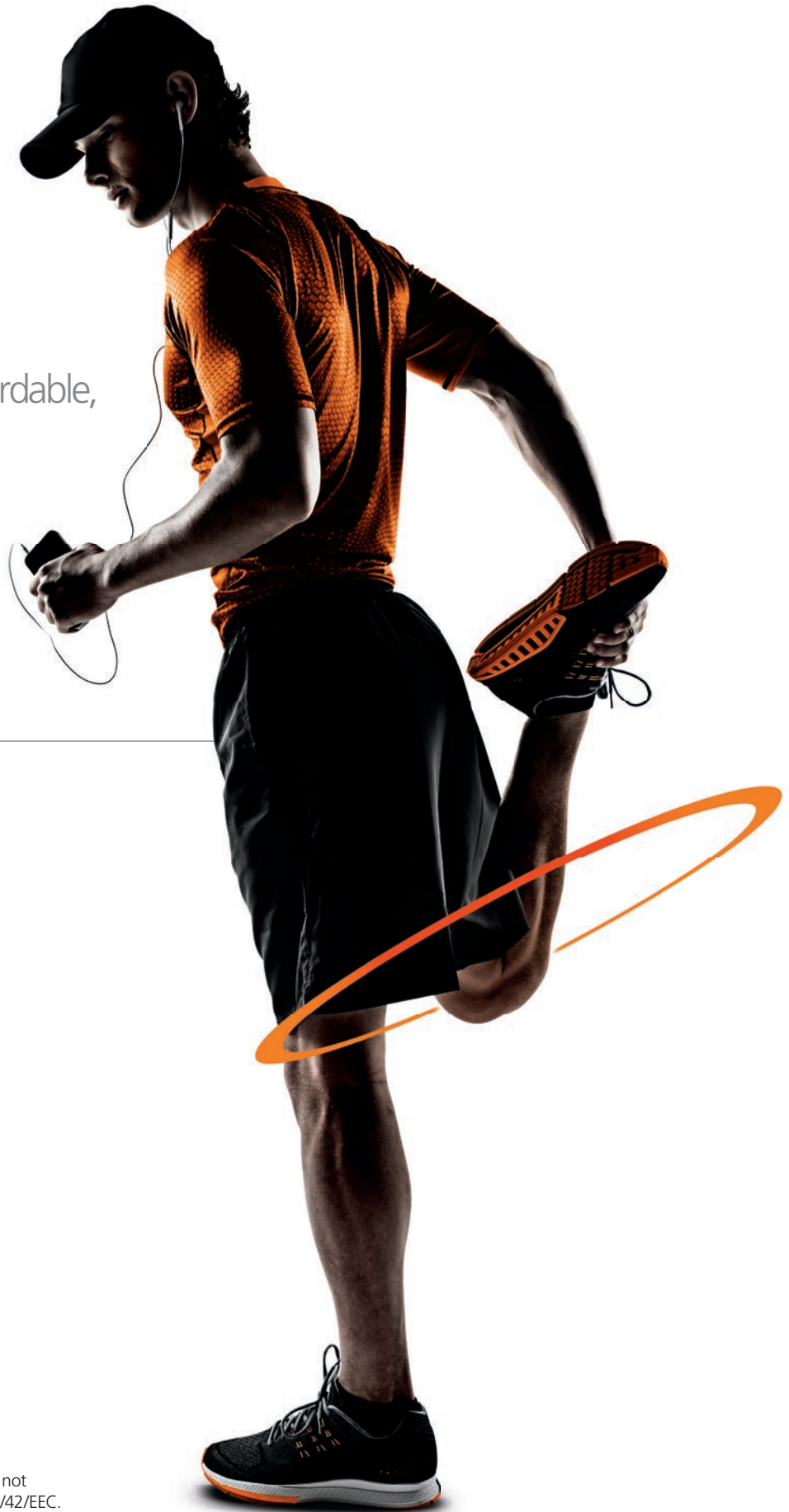


OnTarget. OnBudget. OnTime.

Exploring the Potential for Affordable,
OnSite 3D Extremity Exams.



*This system is currently intended only for outside US&C and is not available for commercial sale in the EU until compliant with 93/42/EEC.

A Great Source of Diagnostic Insight May Soon be OnSight.

The OnSight 3D Extremity System is on the horizon.

OnSight is being designed to be OnCall – right on the premises, ready whenever you are. Our goal is to create a system in tune with your practice's needs – offering weight-bearing extremity exams, easy patient access and superb 3D images. Another objective? To keep you OnBudget, with a price that's affordable for orthopaedic practices, imaging centers and hospitals – and let you connect OnLine to your PACS or archive for efficient image management. When it comes to productivity, OnSight is intended to keep you OnTime, speeding your workflow – and may provide OnGoing revenues by keeping billable imaging services in-house. We also hope to provide you with a unique opportunity to share 3D diagnostic images with your patients – to support a clearer description of their condition and the recommended treatment.



A Major Advancement is on the Horizon.

A world leader in diagnostic imaging is planning a revolution in cone beam CT. The CARESTREAM OnSight 3D Extremity System is being designed to provide pristine 3D images at the point of care – with an easy-open bore and patient access to allow weight-bearing studies not possible with traditional CT. Plus, we're planning a design that will typically not require a large shielded room[†] or specialized electrical service, enhancing the ease and cost effectiveness of installation. The potential? A fast, affordable, convenient imaging process for timely, accurate diagnosis and commencement of treatment.



[†]Regulatory requirements regarding shielding may vary, depending on region.

Benefits at a Glance.



OnTarget Diagnosis.

The OnSight 3D Extremity System is being designed to offer exceptional potential for diagnostic value and image quality. Features in development include an easy-open door to allow patients to enter the bore with ease. We project that in addition to performing 3D exams of upper extremities, the system will also allow weight-bearing exams of knees, ankles, feet and toes – enabling physicians to view these body parts under natural load. Other OnSight design goals include creating a system that can:

- Provide high-resolution 3D images that can help to reveal subtle or occult fractures.
- Allow ongoing, 3D, weight-bearing studies to facilitate accurate evaluation of fracture healing over time.
- Employ three X-ray sources to reduce cone beam artifacts and improve the overall field of view to capture the full anatomy of interest in a single scan.
- Utilize advanced scatter and metal artifact correction algorithms to improve the visibility of patient anatomy and reduce the distracting influences of metal implants.
- Reduce noise via algorithmic-iterative reconstruction techniques.

OnBudget Performance.

When you combine the cost of purchasing, installing and maintaining a traditional CT scanner, the price tag is simply too high for most orthopaedic practices. The OnSight 3D Extremity System is expected to address this issue with a relatively low acquisition cost and these advantages:

- A small footprint and simplified design to cut the time and cost of system installation, compared to conventional CT units.
- Elimination of the need for a large, high-cost shielded room, reducing capital costs and maintenance expenses.
- Cost and productivity gains for imaging centers and hospitals by freeing up their full-body CT system for additional exams.





Open-bore Design

Projected to allow easy step-in access for patient comfort and fast, efficient, weight-bearing exams

Intuitive Touch Monitor

Capture and reprocess at a single station with a touch-screen monitor and intuitive graphical interface



Easy System Position

Our design plan includes flexible adjustment for each patient to support simplified extremity studies

OnTime Workflow.

Looking to increase your productivity? We all are. And the OnSight System is being designed with these projected features, intended to keep your facility running with outstanding efficiency:

- The versatility of both high-resolution 2D and 3D exam capability, for performance of both exam types with the same system – for fast workflow and high productivity.
- Dual controls on each side of the system and a large touch-screen monitor to let technologists work quickly and efficiently.
- A simplified user interface to guide the technologist through each exam.
- Fast equipment setup with preprogrammed auto-positions and easy patient positioning, to expedite exam times.
- Easy interoperability in a DICOM-supported environment for rapid image access, viewing and distribution.

OnSight Business Advantages.

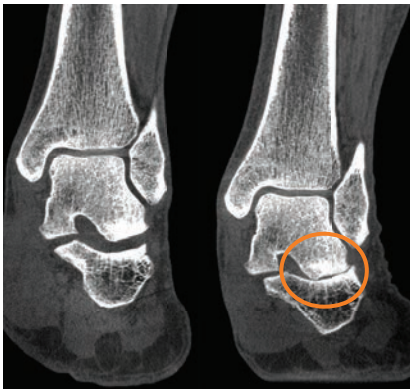
We're striving to make the OnSight System good for your business as well as for your patients. Planned advantages include:

- In-house 3D capabilities as an important practice differentiator and a marketing advantage.
- The ability for surgeons to share the comprehensive information and images the system provides with patients to explain their condition and facilitate agreement on the recommended treatment.
- On-site 3D imaging keeps the imaging service and potential revenue stream in-house.

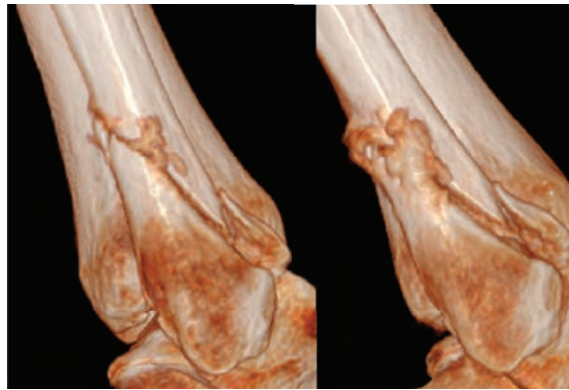


Depend on Pristine Image Quality.

High-resolution capture and advanced software-processing tools provide a clear and unobstructed view for more accurate diagnoses.



The image on the left from a non-weight-bearing exam fails to provide a clear view of bone impingement revealed in the OnSight weight-bearing exam on the right.



These surface-rendered 3D images clearly demonstrate the degree of fracture healing that occurred from week 9 to week 15, post-fracture.



These two sagittal images, reconstructed from the same projection data, show the improvement in artifact reduction resulting from the advanced metal and scatter correction algorithms.

OnGoing Patient Comfort.

A patient's exposure to radiation over time is always a concern. So the OnSight 3D Extremity System is being designed to utilize lower-dose imaging than traditional CT scanners – while still providing superb images. And, unlike full-body CTs, only the targeted body part is imaged – so the rest of the body receives reduced radiation exposure. Other features being designed with the patient in mind include:

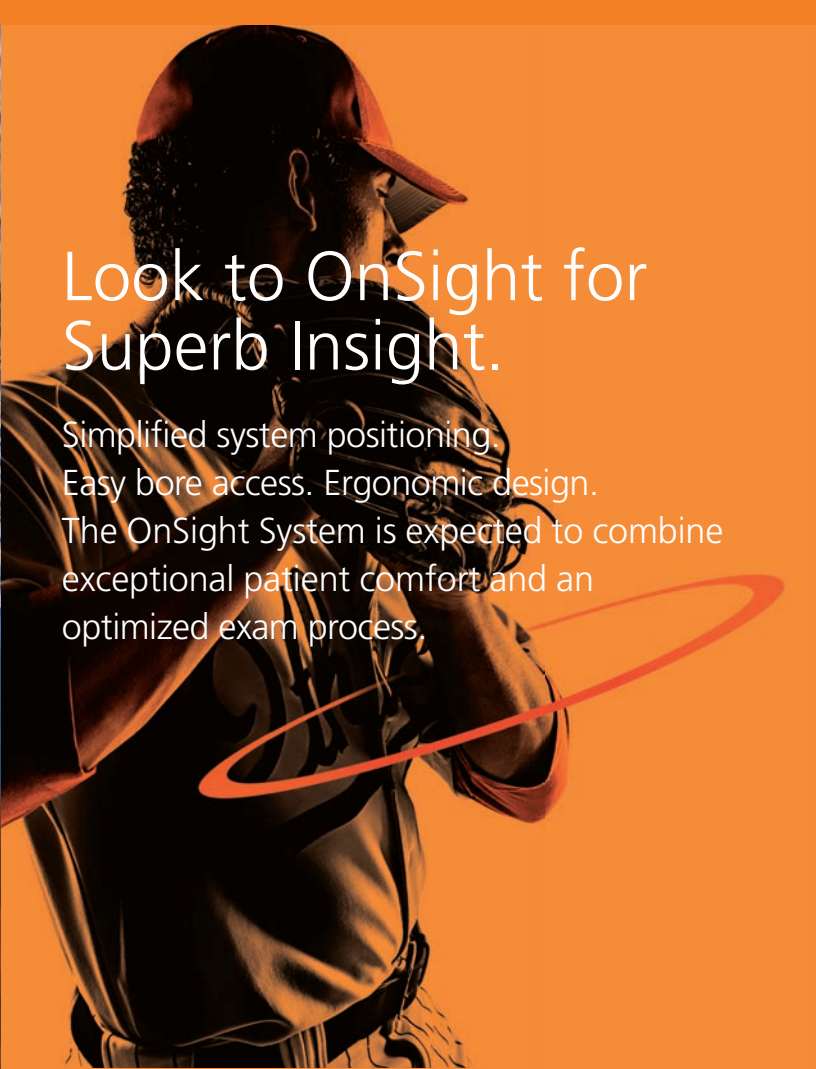
- Three-dimensional adjustment of height, tilt and rotation for easy patient positioning.
- An easy-open system door, allowing patients to enter the bore quickly and comfortably.
- A secondary monitor that allows patients to view the scan progress.





Look to OnSight for Superb Insight.

Simplified system positioning.
Easy bore access. Ergonomic design.
The OnSight System is expected to combine exceptional patient comfort and an optimized exam process.



NO MATTER WHICH ROAD YOU'RE ON,
WE'LL GET YOU WHERE
YOU NEED TO GO.

RIGHT FOR TODAY.
READY FOR TOMORROW.



Right for Today. Ready for Tomorrow.

Carestream is ready to help you plan the most effective route to your X-ray imaging future. Our scalable equipment design and modular components mean high performance today, along with easy, affordable upgrades for years to come.

Let's plan your equipment migration together – you'll gain the confidence that your current technology investment will continue to pay dividends well into your future.

A Community of Service and Support

For dependable service, look to our Customer Success Network. We work continuously to improve your imaging performance, help you to innovate as needs change, and make the most of your budget and resources. Carestream's Customer Success Network surrounds you with a dynamic team of experts, with a Single Point of Entry for easy, customized access to the right people in every situation. You and your patients will benefit from the expertise and best practices only Carestream can deliver – based on thousands of customer engagements worldwide and our 100-year heritage in medical-imaging innovation.



carestream.com/onsight

