

Customer Case Study

Optimizing clinical operations at Greensboro Imaging

A mobile CT workflow helped prioritize patient experience and simplify workflow, without compromising on image quality



➤ siemens-healthineers.us/somatom-go-all



SIEMENS
Healthineers

Can replacing your CT system really help support your department's workflow?



Marty Surratt,
CT Clinical Supervisor at
Greensboro Imaging says,

"Yes!"

Located in the Piedmont Triad of North Carolina, Greensboro Imaging is committed to providing patients with convenient access to high-quality imaging. As part of that commitment, decision-makers recently acquired a system that offered better resolution and higher speed. The change, however, brought more than high image quality to Greensboro Imaging's referring physicians.



Moving to a more mobile workflow

In many CT imaging environments, technologists spend most of their time in the control room—but that's not the case at Greensboro Imaging. The SOMATOM go. systems can be operated with a mobile tablet, and by choosing this system, Greensboro was able to create a workflow truly focused on patient experience. "We've redesigned our workflow and the SOMATOM go.All system has truly helped us in this process," says Surratt. "The mobile workflow is so much quicker. When a patient comes in, we're ready to scan."

"The mobile workflow is so much quicker. When a patient comes in, we're ready to scan."

Marty Surratt, CT Clinical Supervisor, Greensboro Imaging

With its unique, tablet-based system, the SOMATOM go.All can help technologists create a mobile workflow that increases process efficiency and allows technologists to spend more time with patients. At Greensboro Imaging, several technologies are helping to make this possible, including:

- An app that allows technologists to control scans remotely (Scan&GO)
- An intelligent algorithm that flags problems with coverage or contrast media (Check&GO)
- Technology that performs zero-click postprocessing (Recon&GO)
- An all-in-one, cross-specialty viewing solution that enables flexible reading options (CT View&GO)



Prioritizing the patient's experience



By leveraging these features, Greensboro Imaging can make CT scans easier on staff and patients. “With the Scan&GO, I can be out there with my patient while I’m punching everything up on the tablet,” says Surratt. “It’s so good to be out there talking to your patients while you’re setting them up. Patients feel more attended to.”

“It helps our patients with claustrophobia too,” she continues. “You wouldn’t think we see that many claustrophobic patients in CT but they’re out there. We’ve seen many. It’s nice to be able to exceed their expectations in terms of time. Some of our patients are amazed at the speed of their scan.”

In addition, the system’s Recon&Go feature helps support a higher patient throughput with Greensboro Imaging averaging between 25 and 28 appointments daily. Surratt notes the system helps the team also accommodate walk-in patients as needed.

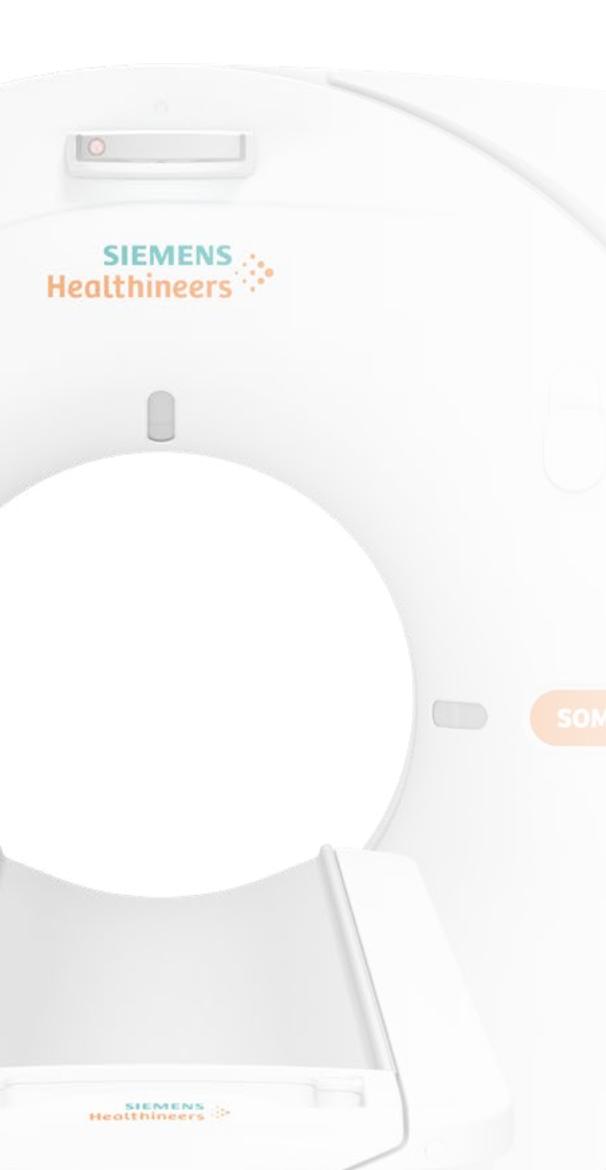
“[The tablet] really helps me scan the patient efficiently, and it allows me to spend more time with patients, particularly those who are anxious.”

Marty Surratt, CT Clinical Supervisor, Greensboro Imaging

Simplifying the Calcium Scoring CT setup

It’s not, however, only patient experience that is top of mind for CT Supervisors like Surratt. Demand for exams like Calcium scoring CT is increasing. These scans, however, often require complex setups, taking additional time for both technologists and their patients. Technology that can help streamline these exams and increase reproducibility and consistency across staff can make a significant impact on workflows. For these cases, Greensboro Imaging finds the mobile workflow on the SOMATOM go.All truly beneficial. With it, techs can perform a Calcium Scoring CT in approximately five minutes.

“When I’m doing calcium scoring, for example, I can see the trace in real-time and not have to go back around to the monitor to view it. I can use the tablet to check that the leads are right and quickly reposition any that are off. That really helps me scan the patient efficiently, and it allows me to spend more time with patients, particularly those who are anxious,” says Surratt.

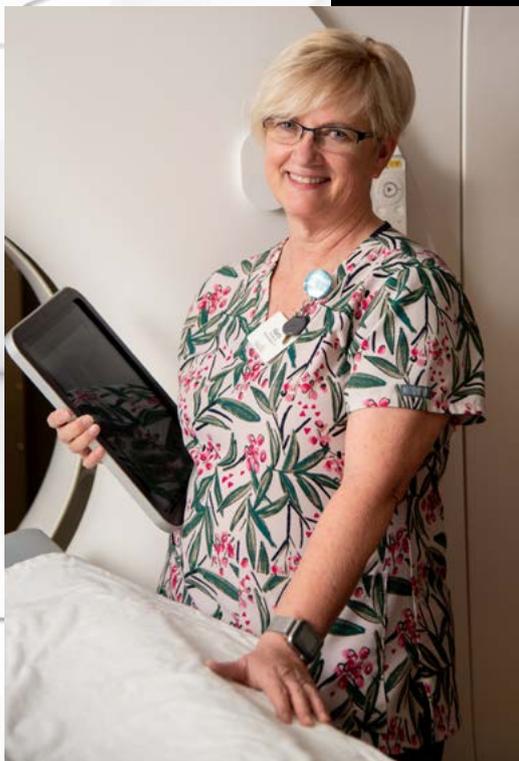


Putting safety and image quality first

Whether routine or complex scans, there are many strategies providers can use to reduce radiation dose. Yet, some techniques can impact image quality. At Greensboro Imaging, techs are able to capture high-quality images while significantly reducing dose, thanks to features like the Tin Filter technology on the SOMATOM go.All.

"We've been able to significantly reduce dose for our virtual colonoscopies and lung screenings. The Tin Filter has really helped us. We've even been able to decrease doses for our bony extremity CT scans," says Surratt.

Although Surratt admits she wasn't originally trained on a Siemens Healthineers CT system, moving to the SOMATOM go platform has been a very positive experience. "I can work on this system day in and day out," she says. "This is a truly great scanner."



"I can work on this system day in and day out. This is a truly great scanner."

Marty Surratt, CT Clinical Supervisor, Greensboro Imaging

At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all enabled by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We're a leading medical technology company with over 120 years of experience and 18,500 patents globally. With about 50,000 dedicated colleagues in over 70 countries, we'll continue to innovate and shape the future of healthcare.

The outcomes and statements provided by customers of Siemens Healthineers are unique to each customer's setting. Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, and level of service/technology adoption), there can be no guarantee that others will achieve the same results.

On account of certain regional limitations of sales rights and service availability, we cannot guarantee that all products included in this brochure are available through the Siemens Healthineers sales organization worldwide. Availability and packaging may vary by country and is subject to change without prior notice. Some/All of the features and products described herein may not be available in the United States.

The information in this document contains general technical descriptions of specifications and options as well as standard and optional features, which do not always have to be present in individual cases.

Siemens Healthineers reserves the right to modify the design, packaging, specifications, and options described herein without prior notice. For the most current information, please contact your local sales representative from Siemens Healthineers.

Note: Any technical data contained in this document may vary within defined tolerances. Original images always lose a certain amount of detail when reproduced.

The statements by Siemens Healthineers' customers described herein are based on results that were achieved in the customer's unique setting.

Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results

Siemens Healthineers Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen, Germany
Phone: +49 9131 84-0
siemens-healthineers.com

USA

Siemens Medical Solutions USA, Inc.
Healthcare
40 Liberty Boulevard
Malvern, PA 19355-9998, USA
Phone: +1-888-826-9702
siemens-healthineers.us