

## Siemens installs SOMATOM Perspective 128 slice CT scanner at SRL Diagnostics-Speedscans, Surat

- **First installation of 128 slice CT scanner in Surat**
- **Improved patient safety with innovative low radiation dose features**
- **Improved patient comfort with faster scans, reduced breath hold and Moodlight**
- **Allows routine imaging and advanced clinical applications for Trauma, Cardiac and Neurovascular**

Siemens Healthcare Sector installed SOMATOM Perspective CT Scanner at SRL Diagnostics-Speedscans, which is the first installation of a 128 slice CT scanner in Surat. The city of Surat, famous for its textile market, is witnessing increasing occurrences of lifestyle diseases. Timely and accurate diagnosis thus becomes a significant step towards choosing the mode of treatment. With Siemens' SOMATOM Perspective, SRL Diagnostics-Speedscans is identifying and diagnosing the most challenging diseases and clinical conditions being faced by people of Surat today.

SOMATOM Perspective is a single source 128 slice CT scanner that integrates innovative technologies designed to cover routine imaging to advanced applications in Trauma, Cardiac and Neurovascular imaging. Sanjay David, Business Head-CT Scanners, Siemens Healthcare India, elaborates, "Siemens has always been on the forefront of introducing innovative CT scanners in India. SOMATOM Perspective is another such example. At Siemens, we believe in the principle of ALARA (As Low As Reasonably Achievable), in dealing responsibly with X-ray based computed tomography, so there are a host of low dose features available in this scanner to ensure the same."

Dr. Uday M Surana, Consultant Radiologist and Center Head, SRL Diagnostics-Speedscans, explains, "With SOMATOM Perspective, we are increasingly scanning patients with family history of cardiac/lifestyle diseases, who do not show any symptoms of these ailments. In such cases, the scanner has been supporting us in providing necessary details that help us counsel patients

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appropriately. Low dose features, ergonomics like wide bore, Moodlight, etc. increase patient safety and comfort.”

The 70 centimeter wide bore of the scanner increases patient comfort, especially in scanning obese and trauma patients. The ergonomic design ensures easy access for interventions like CT guided biopsy. The addition of Moodlight on the side of the scanner promotes a sense of well being and provides a source of relaxation for children and anxious patients.

This 128 slice scanner has a unique low dose feature called SAFIRE (Sinogram Affirmed Iterative Reconstruction), which is also the world’s first raw-data based iterative reconstruction that helps achieve dose reduction of up to 60% for all organs and all types of patients (obese, children or old patients). Other features like Ultra Fast Ceramics (UFC), Care Dose4D and CARE Bolus ensure high quality scans at lowest radiation.

The increased number of slices enables scanning of up to 50 centimeters in 5 seconds at an ultrahigh resolution. This means that the time the patient holds his breath during the scan is very low. This is especially useful for very sick and elderly patients. Rapid full-body trauma imaging is possible without compromising on the image quality. Overall, a faster scan translates to speedy diagnosis and shorter waiting time for patients and attendants.

With the rising trend in lifestyle diseases, Cardiac CT has shown significant benefit in the work-up of patients with high risk of cardiac diseases. Cardiac CT also plays a major role in the follow-up of patients who have undergone cardiac procedures. SOMATOM Perspective’s 128 slice configuration has been designed to perform Cardiac CT imaging.

Designed to be energy efficient, this 128 slice CT scanner has significantly reduced power consumption and contributes to energy conservation.

More product photos are available at: [www.siemens.com/med-pictures/Somatom-Perspective](http://www.siemens.com/med-pictures/Somatom-Perspective)

For more information on SOMATOM Perspective please visit:  
[www.siemens.com/somatom-perspective](http://www.siemens.com/somatom-perspective)

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