



SOMATOM Sensation 16 is an evolution of the SOMATOM Volume Zoom and brings important changes in software. Thanks to its speed SOMATOM Sensation 16 opens up new diagnostic possibilities using CT. Sensation is 16 to 38 slices per second and its speed of acquisition is 12 times greater than that of current CT scanners. The Somatom Sensation 4 has performance similar to the Volume Zoom, family that happens, getting up to eight slices per second.

The Somatom Sensation 16 can perform full body exam in just 20 seconds. In lung screening, the equipment is able to check for small polyps and in the area of cardiology, the view is accessible even in the more distal arteries.

The ultra-fast reconstruction of images, with six images per second, provides the clinician, accurate data in less time, allowing larger number of tests per day. The patient, especially with difficulty holding their breath, as children and the elderly, benefits from shorter duration tests. Thanks to multislice acquisition, the physician has at his disposal a volumetric view. Another advantage is the dose Care program, the Sensation observing the weight and the patient's bone density, on-line, adjusting the dose of radiation necessary to examine the body region being examined.

The Sensation 16 is also equipped with syngo interface, compatible with other diagnostic modalities and information technology, which gives the physician the possibility of crossing information and get a complete diagnosis of his patient.