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Revolutionary CT

Set the trend in Cardiology with revolutionary technology that can image any heart regardless of heart rate and help you make a more accurate diagnosis.

Introducing the world's first Dual Source CT – the SOMATOM Definition™. Pushing technical and clinical boundaries to a higher level, the SOMATOM Definition sets a new trend by adding a second X-ray source and a second detector.

Faster than Every Beating Heart

Scan every heart regardless of heart rate without using Beta blockers thanks to a stunning heart rate independent temporal resolution of 83 ms.

Full Cardiac Detail at Half the Dose

Lower radiation exposure 50% in cardiac CT compared with today's most dose-efficient single source CT scanners.

One-Stop Diagnosis in Acute Care

Scan patients in acute care regardless of size or condition with full image quality and at full speed. Thanks to a 78 cm (31 in.) gantry bore, 200 cm (79 in.) scan range, and 160 kW generator power, acute care diagnosis is simplified.

Beyond Visualization with Dual Energy

Explore new clinical opportunities in your practice. SOMATOM Definition's dual energy scanning offers the potential of differentiating materials beyond the visualization of morphology – for example, direct subtraction of either vessels or bone during scanning.

All attempts have been made to ensure accurate data. Medical Imaging Resources, Inc. assumes no responsibility for any unintentional errors or omissions.