



Interventional CT Solutions

Available on the SOMATOM Family of CT scanners

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SIEMENS

Interventional CT Challenges

Dedicated interventional scanner; often outdated single slice model; incremental service contract, and large underutilized footprint.

Time to perform procedure

- Reviewing procedural steps in control room
- Relying on single slice or spiral to view procedural step
- Acquiring scan in control room
- Manually measuring needle location and depth
- Tying up scanner for long periods of time for procedure
- **Limited room to perform procedure in bore**

Radiation exposure to patient and physician

- Continuous exposures to view needle placement
- No protection for physician during procedure
- Older scanners use fixed dose
- **Few experienced users able to handle outdated approach**

Outdated biopsy modes

- One image per acquisition
- Transfer of images to viewing card for multiple image viewing
- Limited slice thicknesses
- No immediate viewing of needle adjustment
- **Outdated biopsy modes create anxiety during procedures**

Unique Interventional Solutions

Interventional becomes routine, non-expert becomes an expert, standard radiology CT scanner handles all your interventional needs. No redundant scanners, no redundant service contract.

Configurable user interface

- Customized viewing layout with multiple planes
- Automated 3D measuring for fast evaluation of needle placement
- Complete interventional toolbar offering
- Sequential, Spiral, or Fluoroscopic modes on demand
- Multiple slice thickness and collimator selections
- **Procedures and workflow the way you want**

Exposure controls and user protection

- CARE Dose4D™ dose modulation for lowest dose possible
- HandCare for Physician protection from radiation
- i-precision view for low-dose scanning on demand
- **Complete dose protection for patient and staff**

In-room monitors and controls

- Single or dual in-room monitors for immediate viewing
- Tableside or trolley in-room controls for full exam control in room
- Footswitch or gantry start
- 78-cm opening allowing for greater patient access
- Slim gantry architecture allowing for easy access to the patient
- **Entire exam performed without leaving scanner**



SOMATOM Emotion[®] Interventional CT

The world's most popular CT

- Available in 6- or 16-slice configurations
- Excellent access and patient positioning due to slim gantry depth and flared opening
- Patient-friendly design
- Freedom of movement in clinical intervention
- Smallest scanner footprint available



SOMATOM Definition[™] AS Interventional CT

The world's first adaptive scanner

- Compact design with footprint of 194 sq. ft.
- Fully upgradeable scanner available in 20-, 40-, 64-, and 128-slice configurations
- Adapts for any patient size
- Adapts for complete dose protection
- 78-cm opening

“The CT intervention package offered by Siemens for SOMATOM CT scanners has dramatically reduced the amount of time it takes to perform our procedures. The 78-cm opening also allows for more room to work and greater patient comfort.”

David Gross, Radiologist
Ridgeview Medical Center, Waconia, Minnesota

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