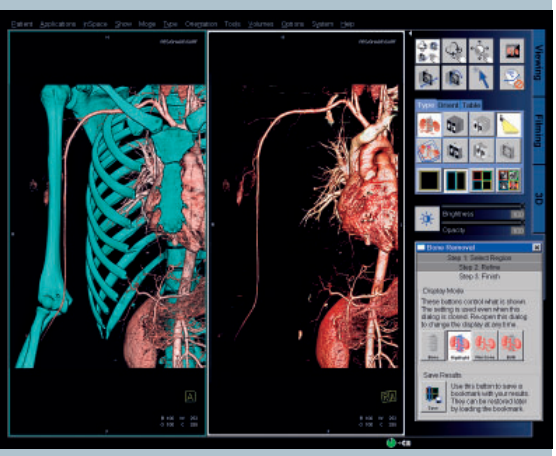

syngo InSpace4D

syngo® InSpace4D™* is the ultimate tool for real-time diagnosis and surgery planning. In combination with the Volume Pro graphic accelerator, *syngo* InSpace4D offers exceptional speed for managing larger datasets, facilitating a fast diagnostic workflow.

syngo InSpace4D features:

- Multiple image rendering modes plus cine mode, with enhanced image quality
- Advanced bone removal for vessel and fracture analysis
- Volume editing and 4D evaluation of up to 24 cardiac phases
- Advanced Vessel Analysis (AVA)* with semi-automated stenosis quantification
- Lung Parenchyma Evaluation*

* Optional

syngo InSpace4D

Interactive real-time 4D reading

Answers for life.

SIEMENS

Image Data

- Online 2D, 3D and 4D diagnosis for CT
- Simultaneous loading of two image series
- 3D cine mode
- Real-time 4D processing of up to 24 cardiac phases
- 2D and 3D measuring, radial range, and annotation tools
- PET/SPECT images loadable
- Different button tab card for MPR and 3D image types
- Synchronized scrolling through dataset in 2D and in 3D

Image Rendering and Presets

- All reformats immediately available: VRT, MIP, MinIP, MPR and thick-MPR, fast MPR display
- Structured bookmark galleries
- Multiple anatomical presets and advanced preset linking
- Parallel and radial range on all image types

Intuitive Tools

- High-resolution filming and secondary capture
- Auto-save of filmed images to patient database
- Digital movie export
- Multiple format image export

Electrophysiology Planning (EP)*

Pre-procedural EP planning base with CT through mapping of electro-anatomy with VRT for faster therapy and higher accuracy.

- 1-click segmentation of the left atrium (LA)
- Increased safety by esophagus display endoscopic fly-through of the LA and pulmonary ostia
- Unique connectivity with Carto System**
- Integrated reporting into AXIOM Sensis

Advanced Bone Removal

- One-click fully automated workflow
- Fast segmentation and removal of bony structures
- Fast MIP and VRT overview of vascular structures
- Visualization of removed bones in transparency mode
- Opacity slider for removed bones
- CPR orientation with patient correct anatomy (e.g. renal artery from left to right)

Advanced Vessel Analysis (AVA)*

- One-click fully automated workflow
- Fast segmentation centerline definition
- Display curved MPR, curved MIP
- Automated exclusion of calcification and stents
- Automated measurement tools including vessel cross-section and lumen area
- Insertion of centerline on CPR
- Orientation labels on CPR
- Ranges for CPR and cross sections
- All report images contain probe and measurement name

Lung Parenchyma Evaluation*

- Automatic 3D lung segmentation
- Automatic volumetric density sub range and percentile analysis for right and left lung and geometric sub compartments
- Automated cluster analysis of low attenuation volumes
- Automated BULLA index calculation – user configurable
- 2D and 3D graphical result presentation and export in multiple formats

* Optional
** CARTO is a trademark of Biosense Webster, Inc.

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