



Precise measuring made easy

Dedicated planning workflows for endovascular aneurysm repair (EVAR)

What is 3mensio Vascular?



Your all-in pre-op toolbox

An endovascular aneurysm repair (EVAR) imaging application that allows full ownership of your pre-op analysis, sizing, planning and reporting.

FDA & CE Class II certified



Why use 3mensio Vascular?

Speed up your workflow ...

- § Can be installed on virtually any Windows-based laptop or desktop
- § Practical workflow assistants
- § Intuitive graphical user interface (GUI)
- § Integrated report and stent order sheets from all major vendors
- § Import CTA images from CD, DVD, USB or connect to a PACS
- § Import from and export to DICOM
- § Simple and quick data anonymization



Main features & functionalities

3mensio VASCULAR™

Easy yet precise measuring ...

- § One click vessel segmentation
- § Automated center lumen line detection
- § Diameter measurements (perpendicular view along the center lumen line)
- § Length measurements (stretched view)
- § Quick calcification viewing (visualized with MIP images)
- § Volume measurements
- § Side-by-side display of both iliacs
- § Pre-op assessment of angulations
- § Multi-planar Reformatting for verification of center line
- § Clock position view for renal arteries and to define the ideal C-arm position
- § Angio view for pre-op simulation of the optimal C-arm rotation



Speed when you want it

3mensio VASCULAR™

Anytime, anywhere ...

- § Can be installed on any modern Windows-based laptop or desktop
- § Eliminates the need for specialized hardware
- § Facilitates communication with your patients

Direct data import ...

- § 3mensio Vascular works with all major medical imaging formats
- § Can access multiple data stores on the network, CD, DVD, USB or internet
- § Easily connects to a PACS

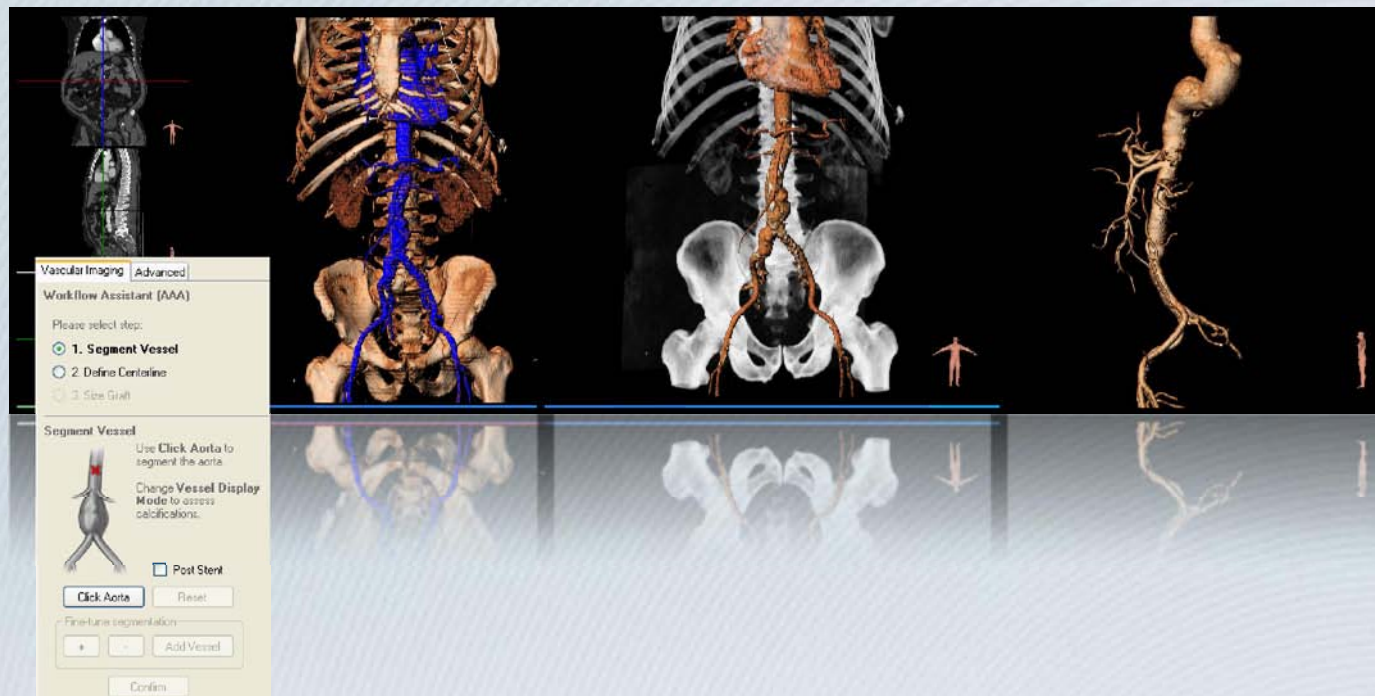


Speed when you want it

3mensio VASCULAR™

One-click vessel segmentation ...

- § Quickly focus on the aorta and its side branches by getting rid of the surrounding structures and tissues with just one click

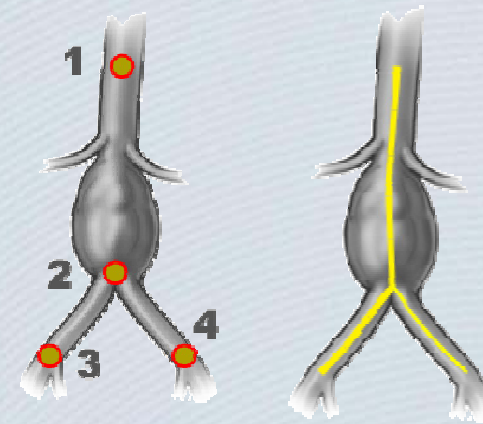
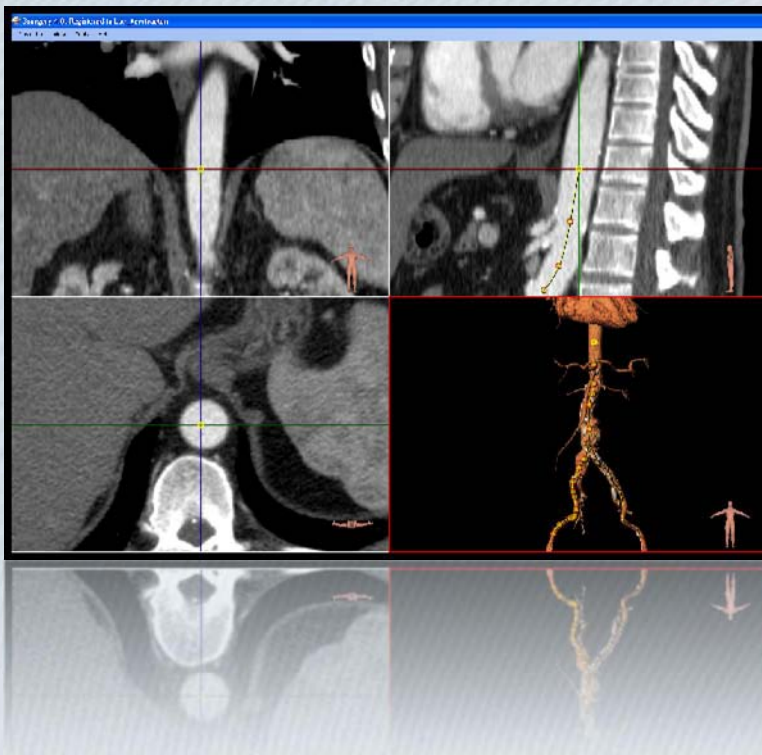


Speed when you want it

Automatic center lumen line detection

3mensio VASCULAR™

- § Automatically detect the center lumen line in just a few seconds. For accurate measurements you can view the center lumen line from 3 angles and manually adjust it as you see fit



Example: AAA Centerline

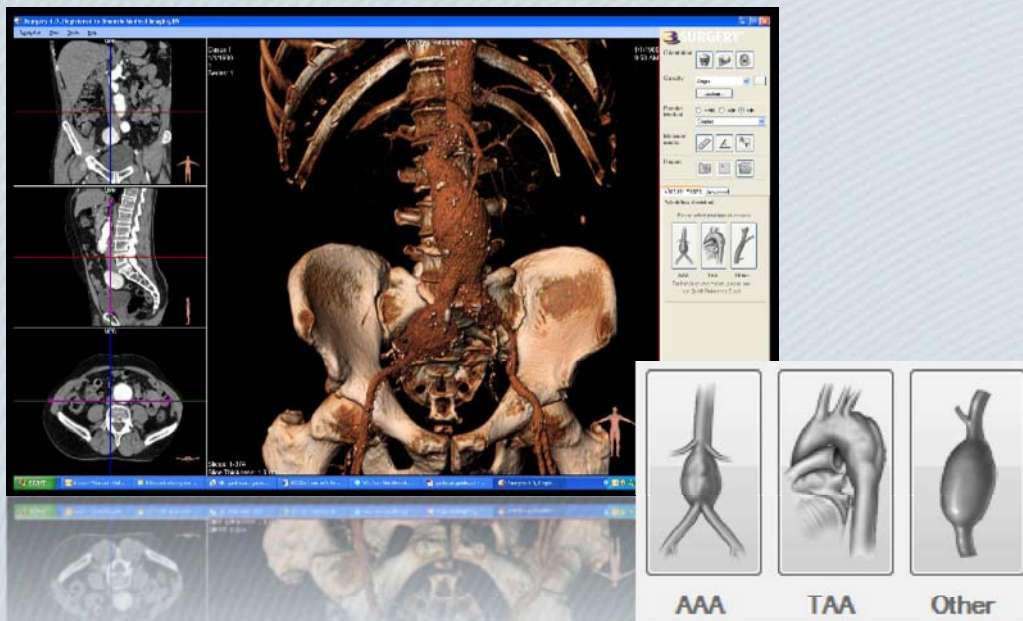


Speed when you want it

3mensio VASCULAR™

Dedicated workflow assistants

- § Select a dedicated workflow assistant to quickly but thoroughly analyze AAA, TAA or other forms of aneurysms.

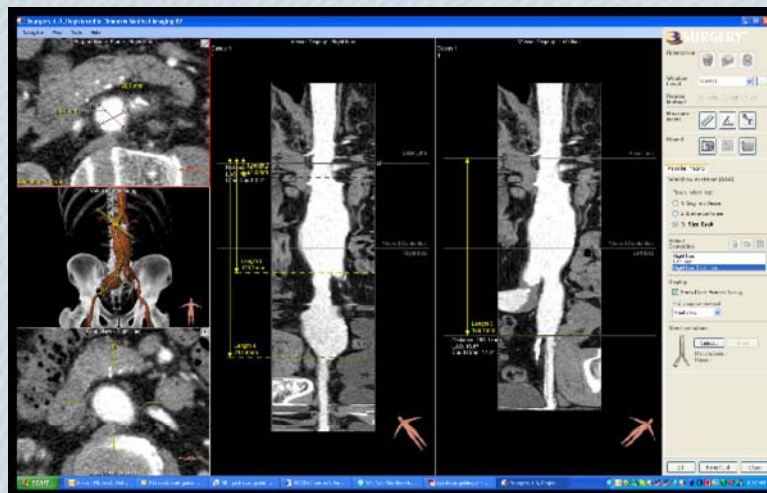


Accuracy when you need it

3mensio VASCULAR™

Stretched view

- § At the touch of a button, the center lumen line is presented as a straight line, allowing you to easily and precisely perform length measurements

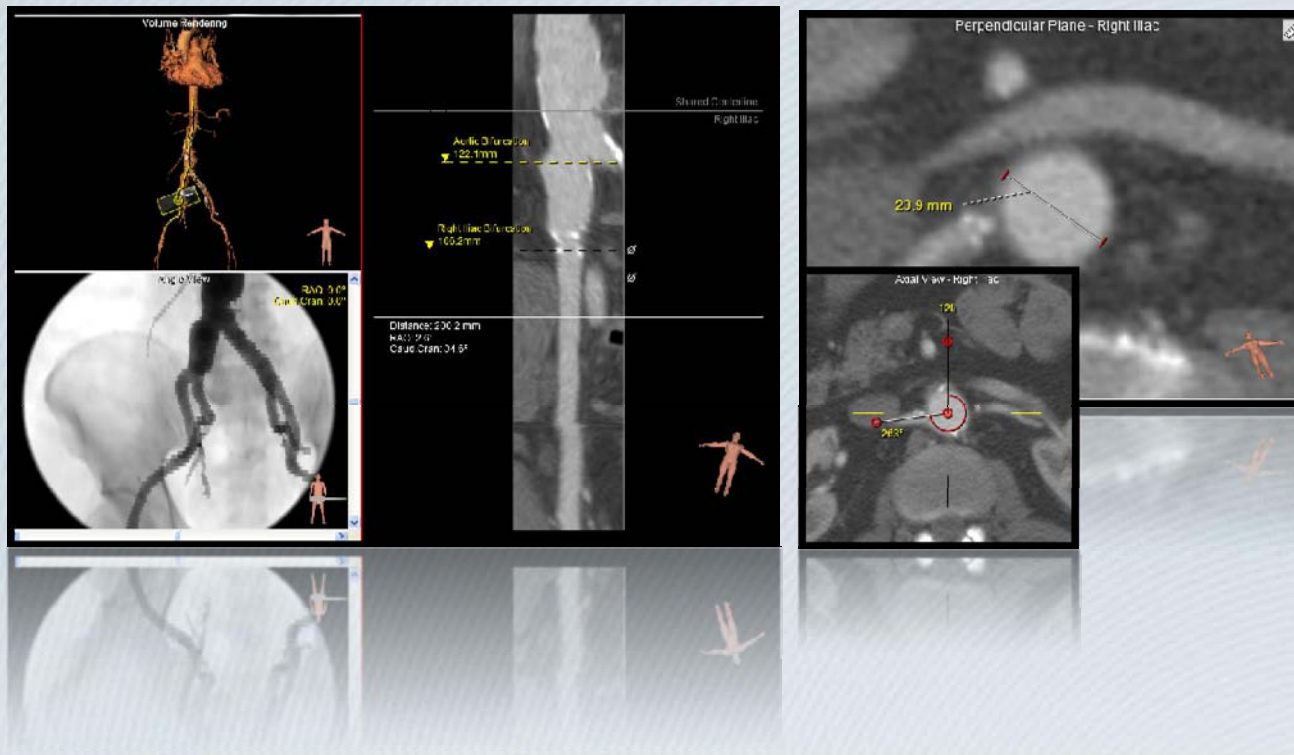


Accuracy when you need it

Measurements & annotations

3mensio VASCULAR™

- § Substantiate your pre-op planning with exact measurements such as perpendicular vessel diameter, aneurysm volume, angulations, and the optimal C-arm rotation, and add your own annotations

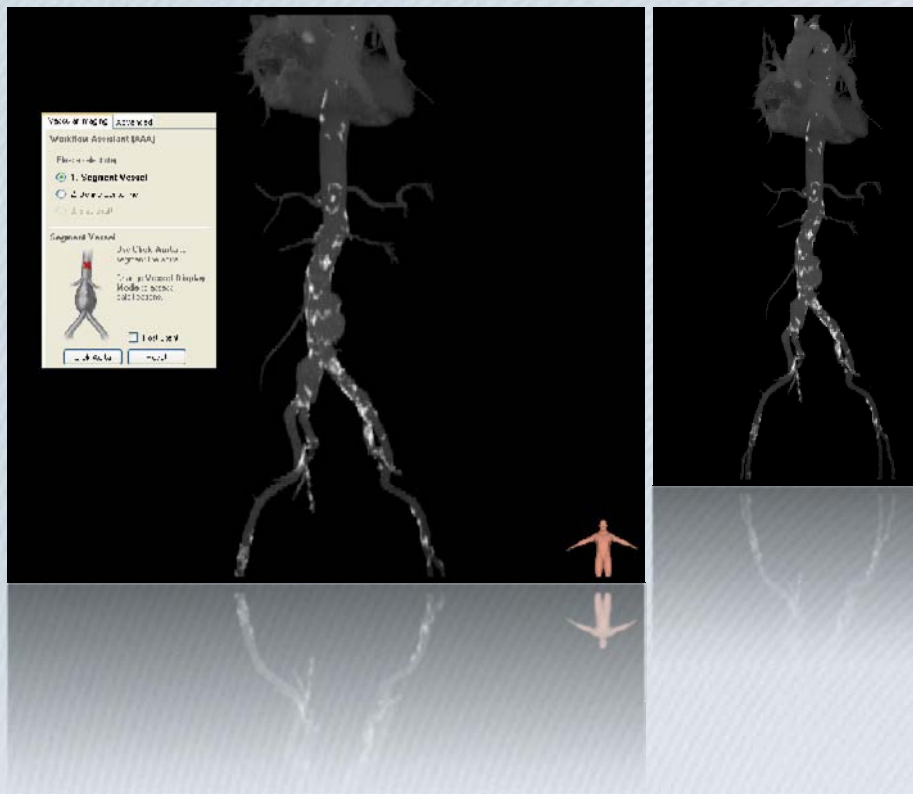


Accuracy when you need it

Calcifications

3mensio VASCULAR™

- § Easily inspect the calcification of the vessels using segmented MIP (maximum intensity projection) images

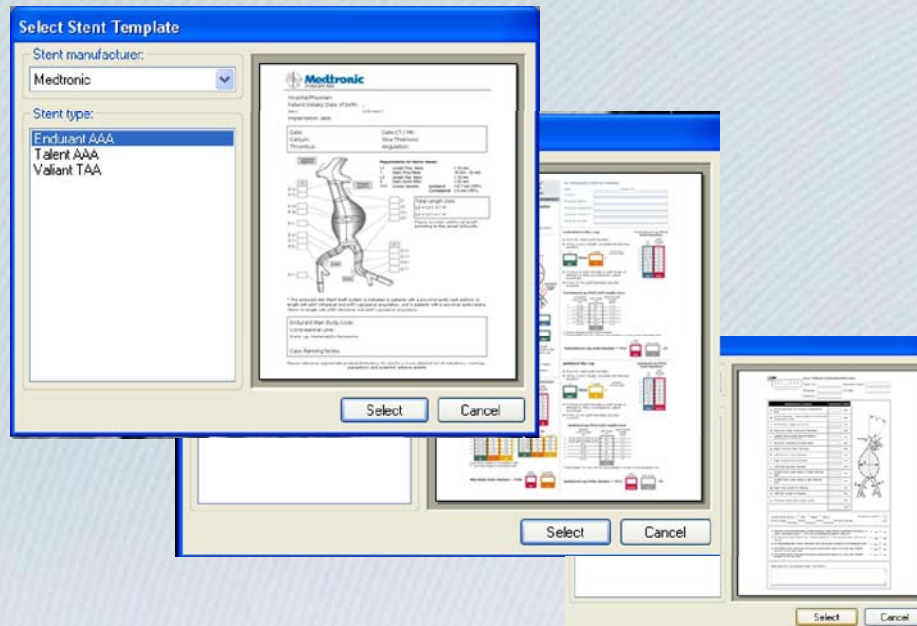


Accuracy when you need it

3MENSIO VASCULAR™

Reports & stent order sheets

- § Relevant images and measurements can be quickly and easily grouped into a concise report. Select one of the many integrated manufacturer-specific stent order sheets, fill them out with just a few clicks, and directly send your forms via e-mail in PDF format



Accuracy when you need it

3mensio VASCULAR™

Pre & post-operative comparisons

- § On-screen display of pre and post operative CT studies makes it easier to communicate with your patients





3mensio
MEDICAL IMAGING

Precise measuring made easy

Additional information available online at www.3mensio.com