



Precision measuring made easy

Dedicated planning workflows for endovascular aneurysm repair (EVAR)

Your all-in pre-op toolbox

What would you say to a mobile and accessible solution that offers advanced 3D visualization tools, makes performing precision measurements easy and lets you complete stent order sheets in no time? Specially designed with and for vascular specialists, 3mensio Vascular™ does exactly that. With this imaging application you obtain full ownership of your pre-op analysis, sizing, planning and reporting. Simply install the application on virtually any laptop or desktop and follow one of the dedicated workflows to decide if minimally invasive surgery is suitable and which endoprosthesis to use.

Main features & functionalities

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 PACS
- › Import from and export to DICOM
- › Simple and quick data anonymization

Easy yet precise measuring

- › One-click vessel segmentation
- › Automated centre lumen line detection
- › Perpendicular view along the centre line (*diameter measurements*)
- › Stretched View (*length measurements*)
- › 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 centre 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



Try it yourself!

Request your free demonstration on our website www.3mensio.com



Speed when you want it

Anytime, anywhere

The 3mensio Vascular™ software can be installed on virtually any modern Windows-based laptop or desktop, eliminating the need for specialized hardware and facilitating communication with your patients.

Direct data import

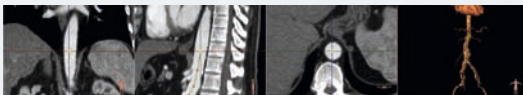
3mensio Vascular™ works with all major medical imaging formats and can access multiple data stores on the network, CD, DVD, USB or the Internet. A connection to the PACS can be easily established.

One-click vessel segmentation



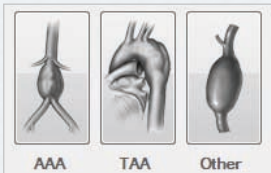
Quickly focus on the aorta and its side branches by getting rid of the surrounding structures and tissues with just one click.

Automatic centre lumen line detection



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

Dedicated workflow assistants



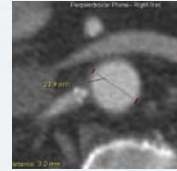
Select a dedicated work-flow assistant to quickly but thoroughly analyze AAA, TAA or other forms of aneurysms.

Accuracy when you need it

Stretched View

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

Measurements & annotations



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.

Calcifications

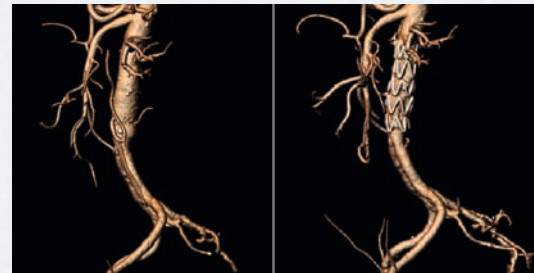
Easily inspect the calcification of the vessels using segmented MIP (*Maximum Intensity Projection*) images.

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.



Pre & post-operative comparisons



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



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