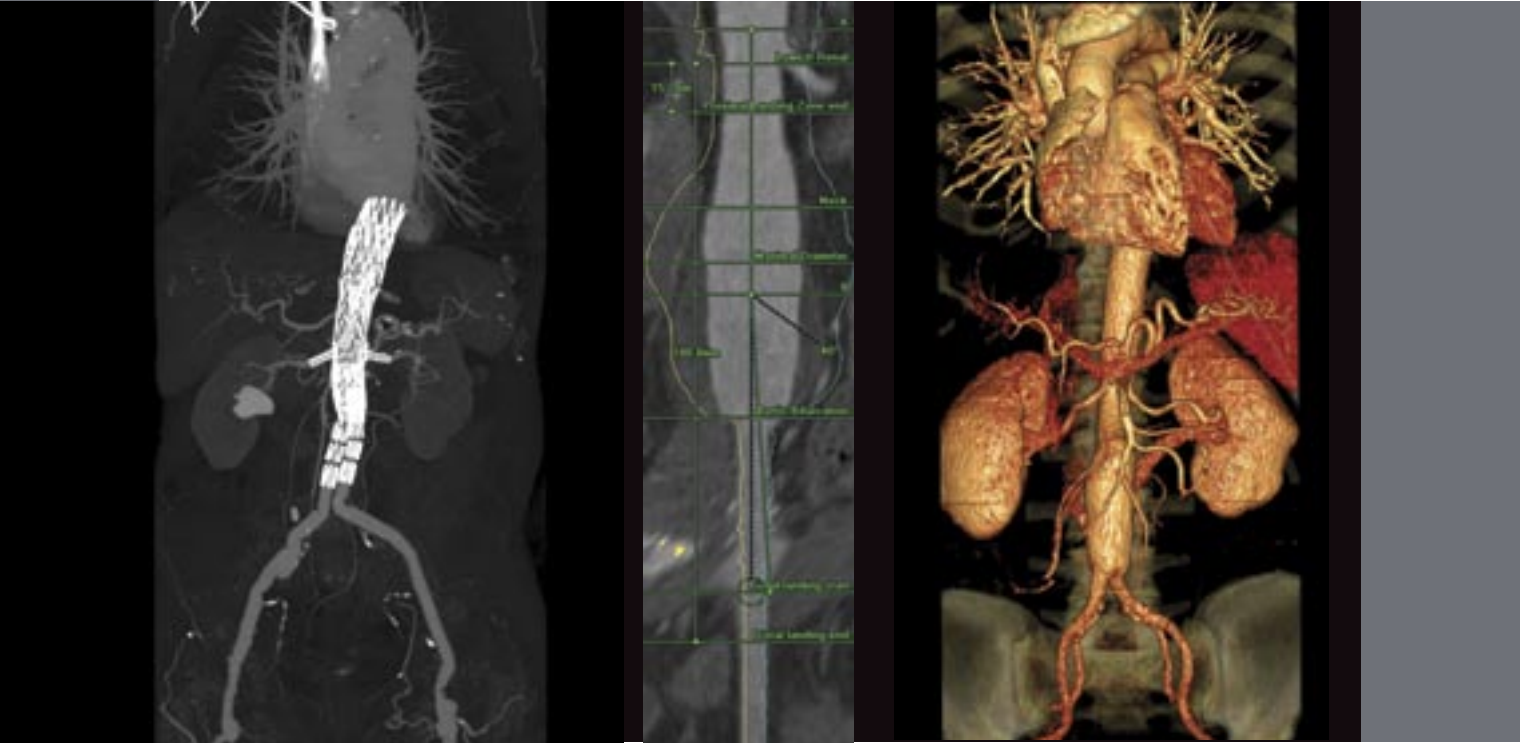


Voxar 3D™ VesselMetrix™



Quantitative vessel analysis for CTA and MRA

Quick, easy centerline finding and measurement tools for vessel analysis and stent-graft planning

VOXAR 3D™ VESSELMETRIX™ provides you with an advanced visualization solution for vascular analysis and stent-graft planning of contrast-enhanced CTA and MRA studies.

All the powerful tools you need for stenosis measurement, stent and stent-graft planning, and stent-graft surveillance of the aorta, carotid and renal arteries are available in one easy-to-use, intuitive screen. This makes the clinical task of planning complex endovascular procedures very easy.

Vessel analysis available throughout the enterprise

>>> **VESSELMETRIX™** shares **VOXAR 3D™**'s integration with PACS. This provides you with access to advanced vessel analysis tools integrated into the heart of your radiology workflow.

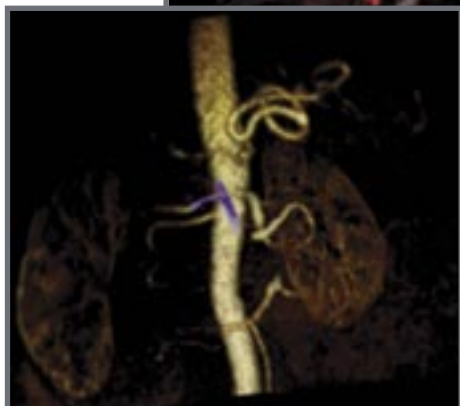
>>> **VOXAR 3D™**'s concurrent license program allows you to access **VESSELMETRIX™** wherever you have **VOXAR 3D™** installed throughout the enterprise.

>>> **VESSELMETRIX™** is available as an option within **VOXAR 3D ENTERPRISE™**'s ELITE client.

“VESSELMETRIX™ makes vessel analysis easy, taking the speed and reproducibility of the process to a higher level. You can rapidly segment the enhanced vessels from other anatomic structures, plan for AAA stents, and create summary image sets with all the important features clearly marked. Even when contours or diameters need adjustment before calculations are done, the tools are so well conceived they are intuitive from day one.”

*Mark Herbst, MD, PhD,
St. Petersburg Independent Diagnostic Radiology Inc., FL, USA*

>>> Right
carotid
stenosis

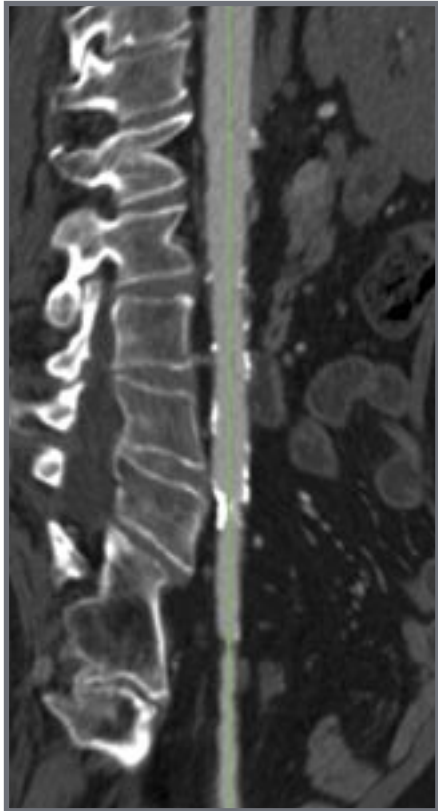


>>> Renovascular disease

>>> Thoracic
aortic aneurysm:
pre-stent



>>> Thoracic aortic
aneurysm: post-stent



VESSELMETRIX™ automatically calculates the centerline of the lumen and displays accurate measurements in seconds, including length, maximum, minimum and average cross-sectional diameters, cross-sectional areas, percentage stenosis and volume tortuosity.

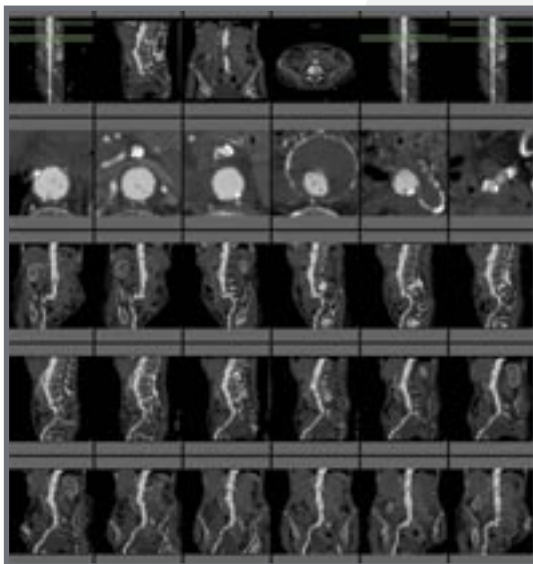
The intuitive user interface and task-based design of **VOXAR 3D™ VESSELMETRIX™** make the clinical task of reporting complex vascular studies fast and easy.

>>> Calcium thresholding automatically differentiates calcium from contrast. The centerline finding intelligently avoids calcified plaques.

>>> Automatic, high-speed centerline finding rapidly calculates and displays the centerline through the lumen, which is unfolded to provide a straightened vessel view.

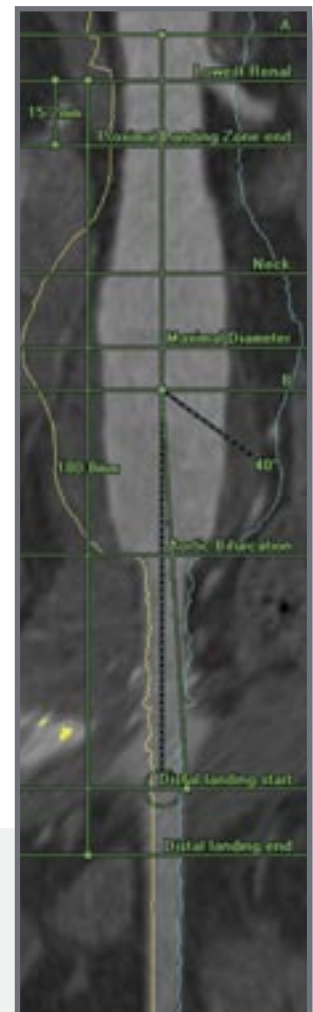


Rapid endovascular interventional planning from one user-friendly screen



>>> Key images vital to reporting complex stenosis measurements and stent-graft planning are automatically captured and added to the original study, along with profiles and measurements.

>>> Calculate lengths, angles, vessel tortuosity and determine landing zones for accurate stent-graft planning and surveillance.



VOXAR 3D™ product family

Features & functionality	VOXAR 3D™ (workstation)		VOXAR 3D ENTERPRISE™		
	CORE	ADVANCED	VOXAR 3D ACCESS™	VOXAR 3D ELITE™	
				CORE	ADVANCED
Live image captures	✓	✓	✓	✓	✓
Orthogonal MPR rendering	✓	✓	✓	✓	✓
Oblique and double oblique MPR rendering	✓	✓	✓	✓	✓
Curved and cross-curved MPR rendering	✓	✓	✓	✓	✓
MIP, AveIP, MiniP slabs	✓	✓	✓	✓	✓
Color volume slab rendering	✓	✓	✓	✓	✓
2D review and compare	✓	✓	✓	✓	✓
Color volume rendering		✓			✓
MIP volume rendering		✓			✓
Grayscale volume rendering		✓			✓
Shaded surface display		✓			✓
Fly-through navigation		✓	✓		✓
Targeted color volume review		✓	✓		✓
3D segmentation and volume measurement		✓			✓
Automatic 3D bone removal		✓			✓
MPR shape selection		✓			✓
Clinical applications					
VOXAR 3D™ VESSELMETRIX™		optional	✓		optional
VOXAR 3D™ CARDIAMETRIX™		optional			optional
Client/server architecture					
Central data and render server software			✓	✓	✓

Features and functionality may vary depending on your PACS integration. Please consult your PACS partner for more details.

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In search of continuous improvement

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