

KOSMOS® with VASCULAR AUTO FLOW (VAF)

Precision AI. Automated Workflow. Proactive Fistula Care.

The Kosmos Vascular Auto Flow (VAF) preset is a dedicated, protocol-driven solution for clinicians monitoring fistula health and maturity. By extending our proven cardiac Auto Doppler technology to the brachial artery, we’ve eliminated the manual hurdles of traditional dialysis exams.



- Automated Precision: AI automatically places the Doppler gate, corrects the angle, and performs complex calculations.
- Proactive Care: Readily monitor vessel maturity and identify early signs of complications by measuring brachial artery flow with unprecedented ease.

How We Outpace the Competition

Feature	Kosmos	Competitors
Brachial Diameter	Automatic detection, diameter, & depth	Manual Caliper placement
Doppler Gate	Automatic placement & sizing	Manual placement & sizing
Angle Correction	Automatic alignment	Manual adjustment
Workflow	Streamlined, AI-guided protocol	Multi-step manual process

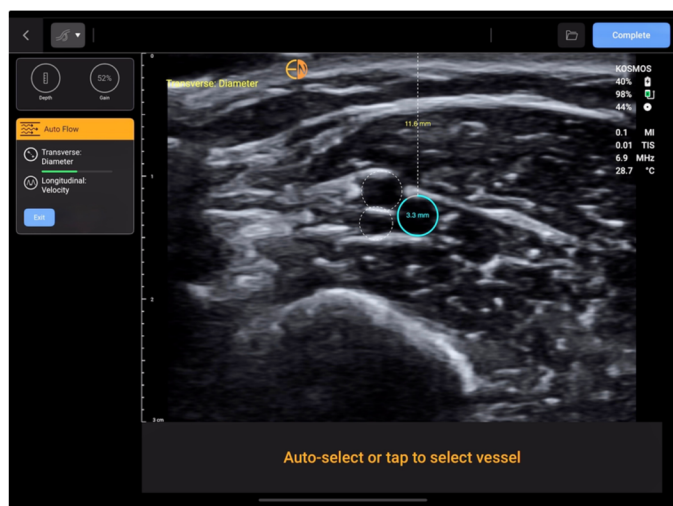
Comprehensive Data at a Glance

Gain a full clinical picture without the manual math. Kosmos VAF preset includes Color and PW Doppler with automatic measurements and calculations for:

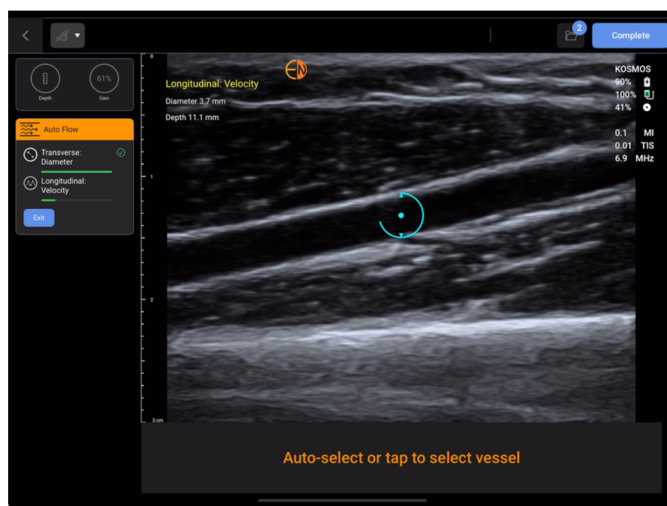
- Flow Volume (FV)
- Pulsatility Index (PI) & Resistivity Index (RI)
- Peak Systolic Velocity (PSV) & End Diastolic Velocity (EDV)
- TAMV & TAPV

Standardizing the Gold Standard

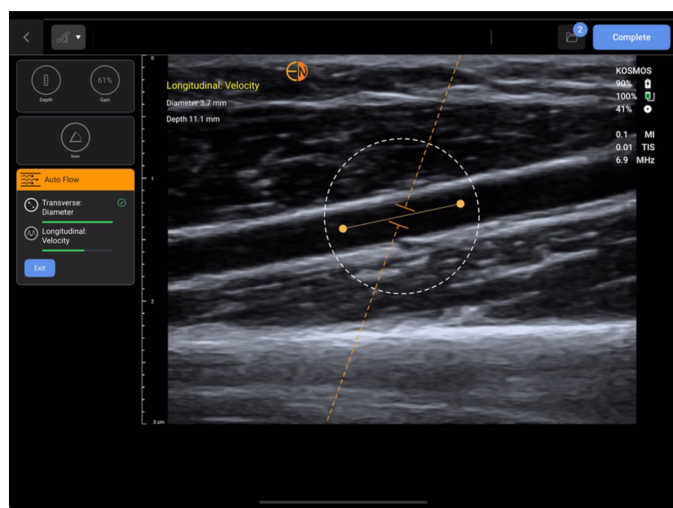
Because fistula flows are often too turbulent for direct measurement, the brachial artery remains the clinical gold standard for flow examination. Kosmos VAF automates this entire process:



Automatic vessel detection with instant diameter and depth in the transverse plane



Automatic vessel detection in the longitudinal plane



Automatic Doppler gate placement & optimization



Automatic tracing of waveforms and flow volume calculations

SEE KOSMOS IN ACTION

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Note: Not all features are available in all markets, please check with your local representative for availability in your region.

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