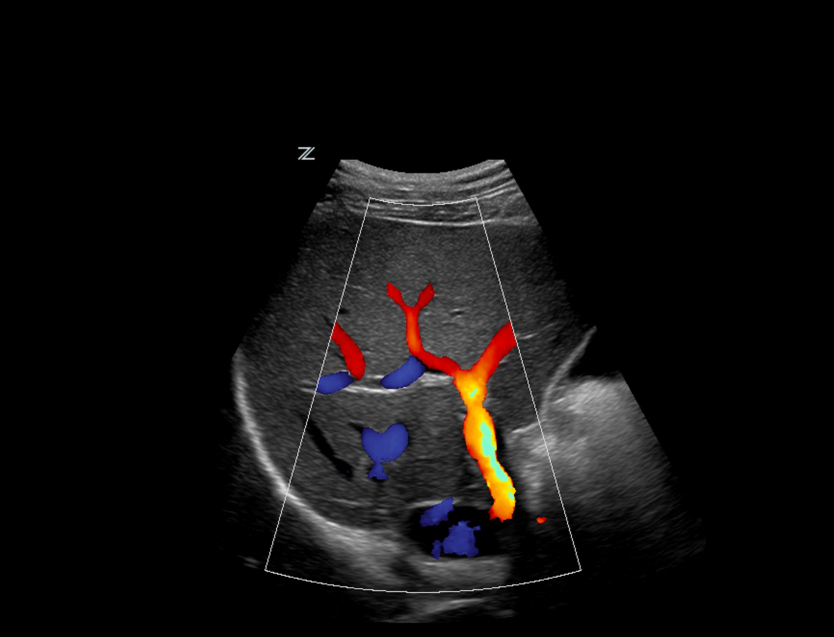
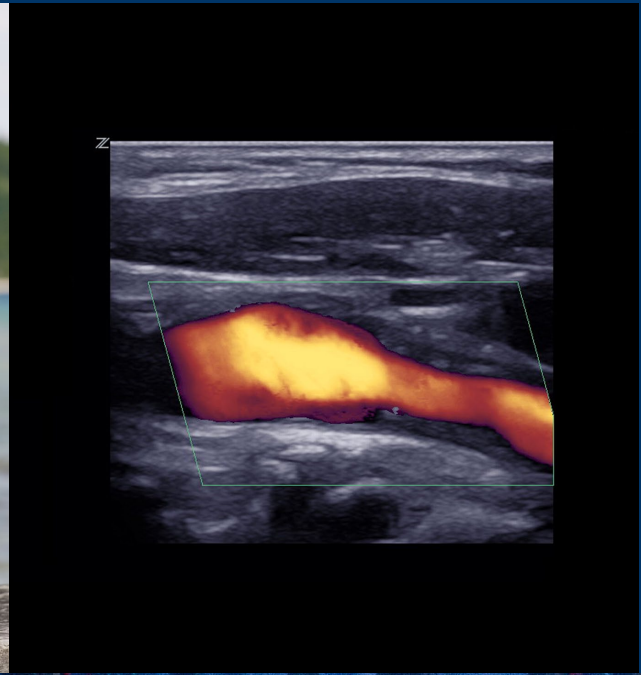


# ZONARE Vascular Radiology



Living Technology

# We've talked about the ultrasound problems you face every day

*I need to be able to image large patients, and thick legs and necks.*

*I depend on ultrasound to define flow and accurately measure velocity—I need a system that can tell me I'm following the same leg vein from start to finish.*

*I need to see where the clot and plaque are.*

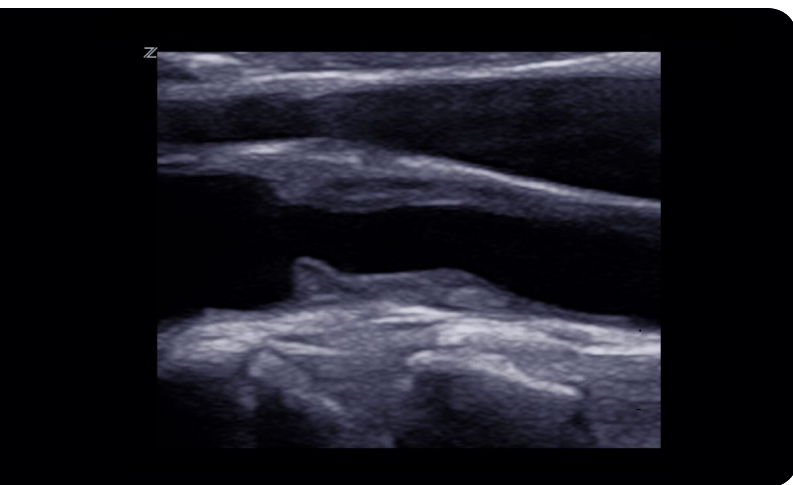
*How do I know if there is a tear in the aorta of my heavy AAA patient?*

One platform delivers high-quality performance for your most challenging vascular patients.



## What does ultrasound performance mean to you?

For us, diagnostic confidence means everything. Which is why at ZONARE, performance means image quality. We understand you need exceptional, consistent image quality every time—in a variety of vascular scanning applications and patient types. If you have that, from the smallest calf vein to the thickest neck, you will have complete diagnostic confidence in your ultrasound system.



*Premium diagnostic ultrasound solution*



ZONE Sonography™ Technology (ZST) overcomes the limitations of traditional digital beamformation, allowing you to see physiological flow.

### The ZST difference

#### Acoustic currency

Enables rapid data acquisition, allowing you to use multiple imaging modalities simultaneously without compromising temporal performance

#### Two-way dynamic transmit/receive focus

Enables optimal image focus on a point-by-point basis, resulting in improved detail resolution, contrast resolution and image uniformity, along with enhanced penetration

#### Retention of channel domain data

Makes patient-specific imaging possible—tailoring the image parameters to the patient, not the patient to the image

Allows for retrospective imaging—you capture all the raw data and can reprocess it multiple times, in many ways, to optimize the image

### Clinical benefits from head to toe

Temporally accurate representation of underlying physiology for grey scale and color Doppler imaging

Triplex—simultaneous 2-D/color Doppler and spectral Doppler capability with no compromise

Exquisite grey scale and color Doppler imaging

Exceptional sensitivity of color Doppler

Peace-of-mind imaging from the smallest to the deepest vessels, even in your most challenging patients

Confidence you have what you need the first time—avoids need for repeat scanning and repeat disruption to patient and staff

Can process and optimize images post-scan

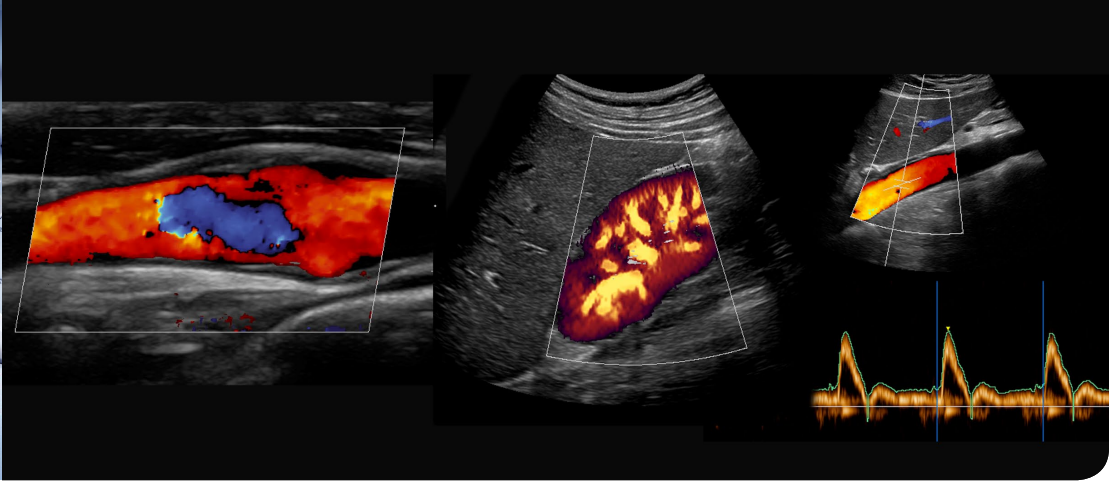
ZONE SPEED INDEX (ZSI) reduces artifact in vessels on a patient-by-patient basis, regardless of patient size or location of vessel

[Click to download a white paper on ZST](#)

ZONARE offers a broad range of interchangeable transducers for optimal imaging from head to toe.



[Click for information on ZONARE transducers](#)



## The ZONARE platform solves a variety of vascular imaging problems.

### Versatile

- One platform across a variety of scanning applications in hospital setting, outpatient center or private office:
  - Venous mapping
  - Vein ablations
  - Large vessels
  - Tiny perforators in distal areas
- Sleek, small footprint design maneuvers easily in tight spaces
- Free to be anywhere in the room—battery pack eliminates need for wall plug-in

### Innovative workflow

- Extensive venous calc package with DICOM structured reporting:
  - Eliminates need to page through images to get reflux diameter and duration
  - Saves significant exam time—automatically captures values in a one-page, printable report for easy review, and types into technologist's worksheet as an SR document to third-party PACS
- Optimal image archiving—DICOM-compatible and interfaces with leading data management systems
- Delivers consistent image quality across all scanning environments—from bright to low light

## Responsive, personal service and support.

- Collaborative and caring support team is ready to meet your needs
- Software-based platform enables quick identification and resolution of issues
- Direct connection to a live technical support expert during regular business hours
- Committed to partnering with our customers through proactive service and economical upgrades



*"At the end of the day, no matter how much we liked and appreciated the mobile attributes of the ZONARE platform, it would have been a non-starter had the unit not delivered the image quality and penetration needed to make fast, accurate diagnostic decisions."*

*Glenn Jacobowitz, M.D.  
Vice Chief, NYU Division of Vascular Surgery  
Langone Medical Center*

## **Through Living Technology, we'll grow with you into the future.**

*Today, we deliver ultrasound excellence through an innovative and dynamic open architecture that allows you to efficiently and economically meet your evolving clinical needs through easily upgradeable performance enhancements. The exceptional image quality you experience on the ZONARE platform you purchase today will continue to evolve—your platform will deliver better and better image quality as we push the boundaries of ultrasound. At ZONARE, we're solely focused on making ultrasound better—through our living technology, living images and living partnerships. We're here to protect your high-value investment, delivering solutions that will grow with you into the future.*



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