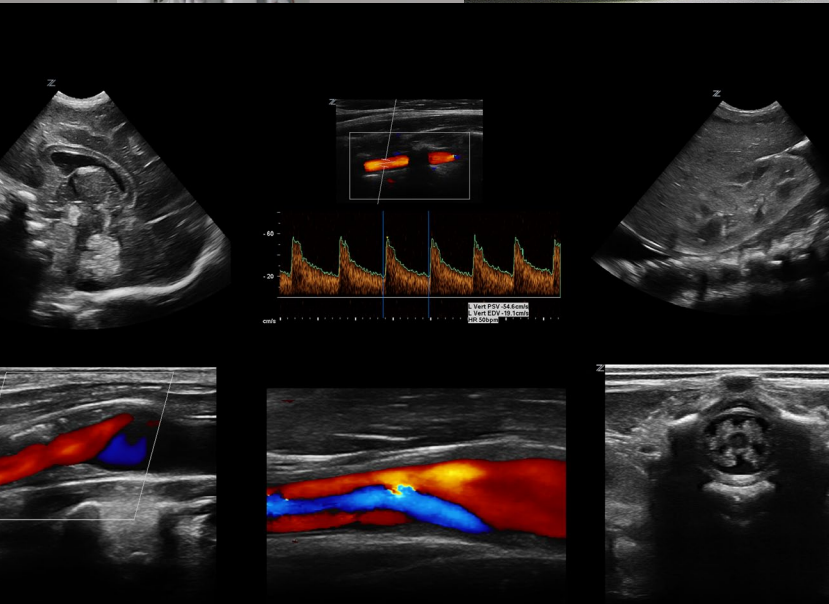


# ZONARE

## The new ZS3 for Radiology



# Living Technology

*Is it possible to miss pathology due to "incorrect" focal zone placement?*

*Is cost of ownership important for your department's ultrasound system investment?*

*Can you achieve consistent imaging across all patient types?*

*Do you know in advance where the pathology is located?*

*Are you interested in an ultrasound technology that grows with your needs?*

What does ultrasound performance mean to you?



Since 1999, ZONARE has been solely dedicated to expanding the potential of ultrasound. With thousands of



systems installed globally, our Living Technology has become the platform and investment protection at the premium level — ZONARE is generating the pathway to a new diagnostic standard of choice. ZONE Sonography™ Technology (ZST) enables continuously focused imaging throughout the field of view by using a uniquely uncoupled transmit-and-receive technique. Basically, the image is focused everywhere, resulting in improved detail and contrast resolution, image uniformity and significantly enhanced penetration.

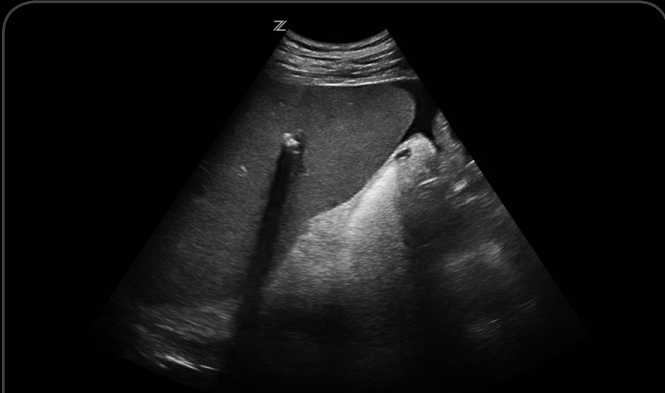
### **Responsive, personal service and support**

With the introduction of the ZS3 system, we have expanded our ultrasound family with unsurpassed image quality and highly reliable performance. Coupled with unparalleled service and investment protection at the premium level, ZONARE is generating the pathway to a new diagnostic standard.

"The ZS3 offers superb high-frequency imaging in the abdomen with enormous penetration. This makes structures visible that I have never seen before. For example, I can now visualize normal amounts of fluid around organs such as the liver, spleen and bowel, even with the most challenging of patients."

**Jörg Bönhof, MD**

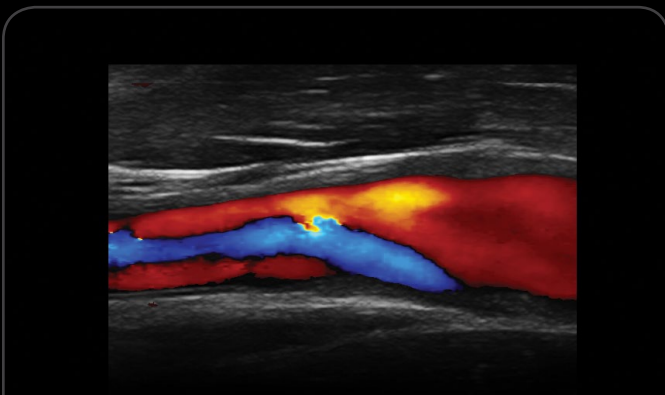
Stiftung Deutsch Klinik für Diagnostik,  
Wiesbaden, Germany



C9-3: Harmonic compounded acquisition of the spleen with a shadowing echogenic foci



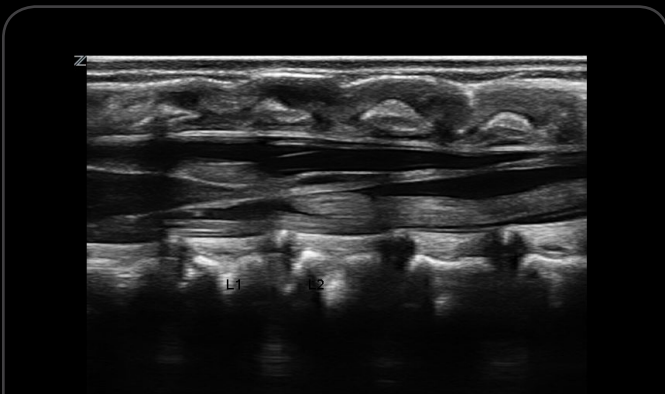
C9-3: Power Doppler imaging of renal blood flow



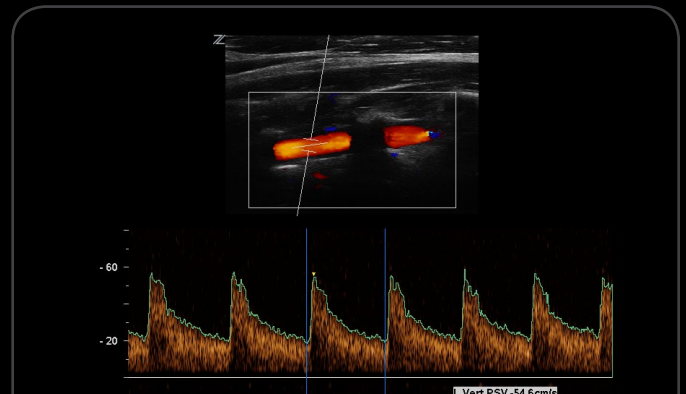
L14-5w: Color Doppler velocity imaging at the origin of the internal carotid artery



C10-3: Mid-sagittal harmonic compounded view of the neonate brain



L14-5w: Longitudinal acquisition of the neonatal cauda equina



L8-3: Triplex acquisition and quantification of vertebral blood flow

# ZONE Sonography™ Technology (ZST) overcomes the limitations of traditional digital beamformation, generating a pathway to a new diagnostic standard.

## The ZONARE difference

### Continually focused imaging

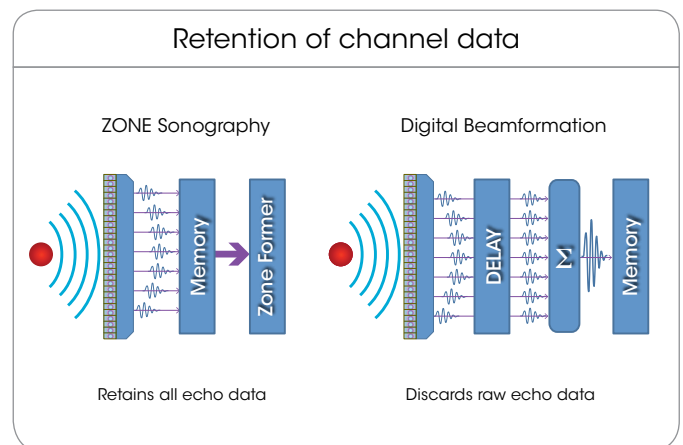
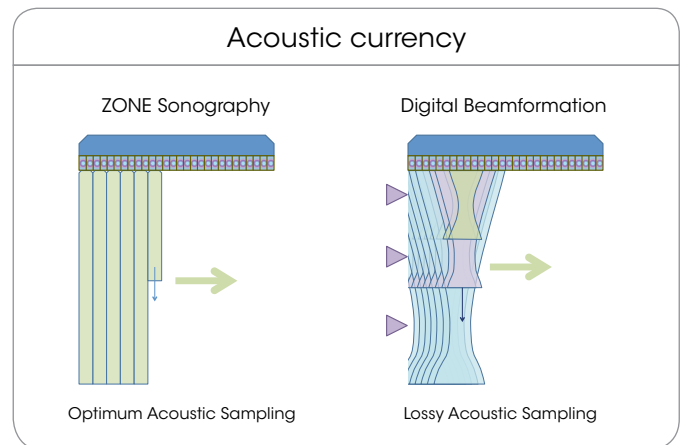
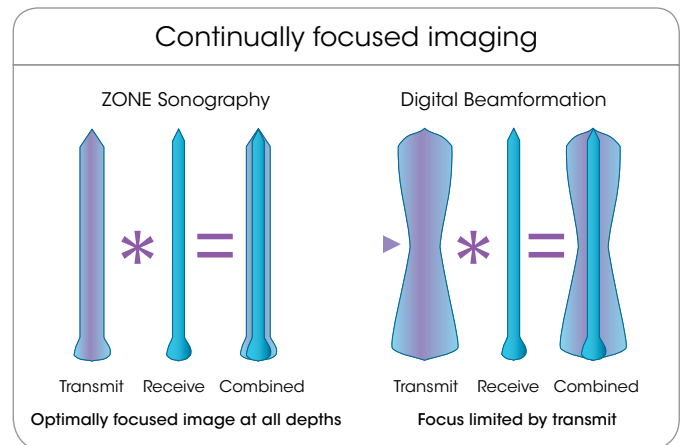
Exquisite grey scale and color Doppler imaging, along with enhanced penetration, are enabled by two-way dynamic transmit-and-receive focus. For the first time, there is a completely focused image from the first to the last millimeter. This is done on a point-by-point basis, resulting in improved detail and contrast resolution, as well as image uniformity.

### Acoustic currency

Temporally accurate representation of underlying anatomy is achieved by rapid data acquisition without compromise. This removes one of the fundamental bottlenecks of traditional beamformer technology.

### Retention of channel domain data

Makes patient-specific imaging possible, tailoring the image parameters to the patient. Allows for retrospective imaging — you capture all the raw data and can reprocess it multiple times, in many ways, to optimize the image.



ZONARE offers a broad range of interchangeable transducers



## 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.*



**ZONARE**

420 N. Bernardo Avenue  
Mountain View, CA 94043-1839

877-966-2731  
650-230-2800

email: [info@zonare.com](mailto:info@zonare.com)  
[zonare.com](http://zonare.com)