

**PHILIPS**

Ultrasound

Affiniti



# Philips Affiniti ultrasound system for **noninvasive** liver assessment

Ultrasound has been proven useful in evaluating liver disease, and the Philips Affiniti ultrasound system offers a range of helpful tools in assessing the liver. Capabilities include superb 2D imaging across patient types, visualization of vasculature with color Doppler, and liver stiffness assessment with ElastPQ.

## Shear wave elastography for easy assessment



Philips ElastPQ liver stiffness assessment makes obtaining liver stiffness measurements surprisingly easy and fast, even for patients who are technically difficult to image.

### Key takeaways for Philips ElastPQ liver stiffness assessment\*

- Easily combine a routine ultrasound imaging exam of the liver anatomy with targeted tissue stiffness values
- Evaluate and obtain a baseline stiffness value in patients with chronic liver disease
- Follow up with patients under treatment to monitor progression, stabilization, or regression of liver disease
- Help avoid the need for liver biopsies when elastography results are consistent with other clinical findings

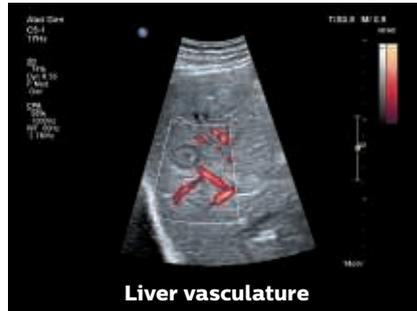
\* Courtesy of Richard G. Barr, MD, PhD, FACR, Diagnostic Radiology, Southwoods Imaging, Youngstown, Ohio.

Advanced imaging capabilities change patient management. Affiniti provides versatility in liver imaging across patient types, including technically difficult patients, patients with pacemakers, and those with ascites.



**Liver**

**PureWave imaging increases penetration**  
PureWave transducers, including the C5-1 and C9-2 for abdominal imaging, are designed to increase penetration in technically difficult patients.



**Liver vasculature**

**Color Power Angio (CPA) imaging for excellent sensitivity**  
CPA automatically adapts transmit and receive bandwidth processing based on the color box position, providing excellent sensitivity and color resolution.



**Liver and kidney**

**SonoCT and XRES offer superb images**  
SonoCT and XRES work in tandem to display superb images. Borders are well defined, tissue structure is differentiated, and irregularities seen in solid masses are well defined, allowing for quick diagnoses with confidence.

# A **smart** investment

## Enhance uptime

The modular design of Affiniti offers enhanced reliability and allows for rapid repair. Philips remote services\* monitoring helps correct issues using a standard Internet connection, reducing the need for on-site service calls.

## Doing more for you

Smart service options\* are designed to reduce disruption to your everyday workflow. We also offer technology to keep your data secure, and education and utilization reports for wise decision-making every step of the way.

## Durable investment

Built to withstand the rigors of daily use, Affiniti offers low operating costs and is backed by Philips support and value-added services. With a low total cost of ownership, Affiniti is a wise choice.

## Walk-up usability

The intuitive, intelligently designed user interface and system architecture have been validated by studies that show that users with ultrasound experience require minimal training on use of the system to be able to complete an exam.\*\*

**Philips ultrasound — your partner to help provide new information in liver disease management.**

\* Not all services available in all geographies; contact your Philips representative for more information. May require service contract.  
\*\* 2014 internal workflow study comparing Affiniti to HD15.

