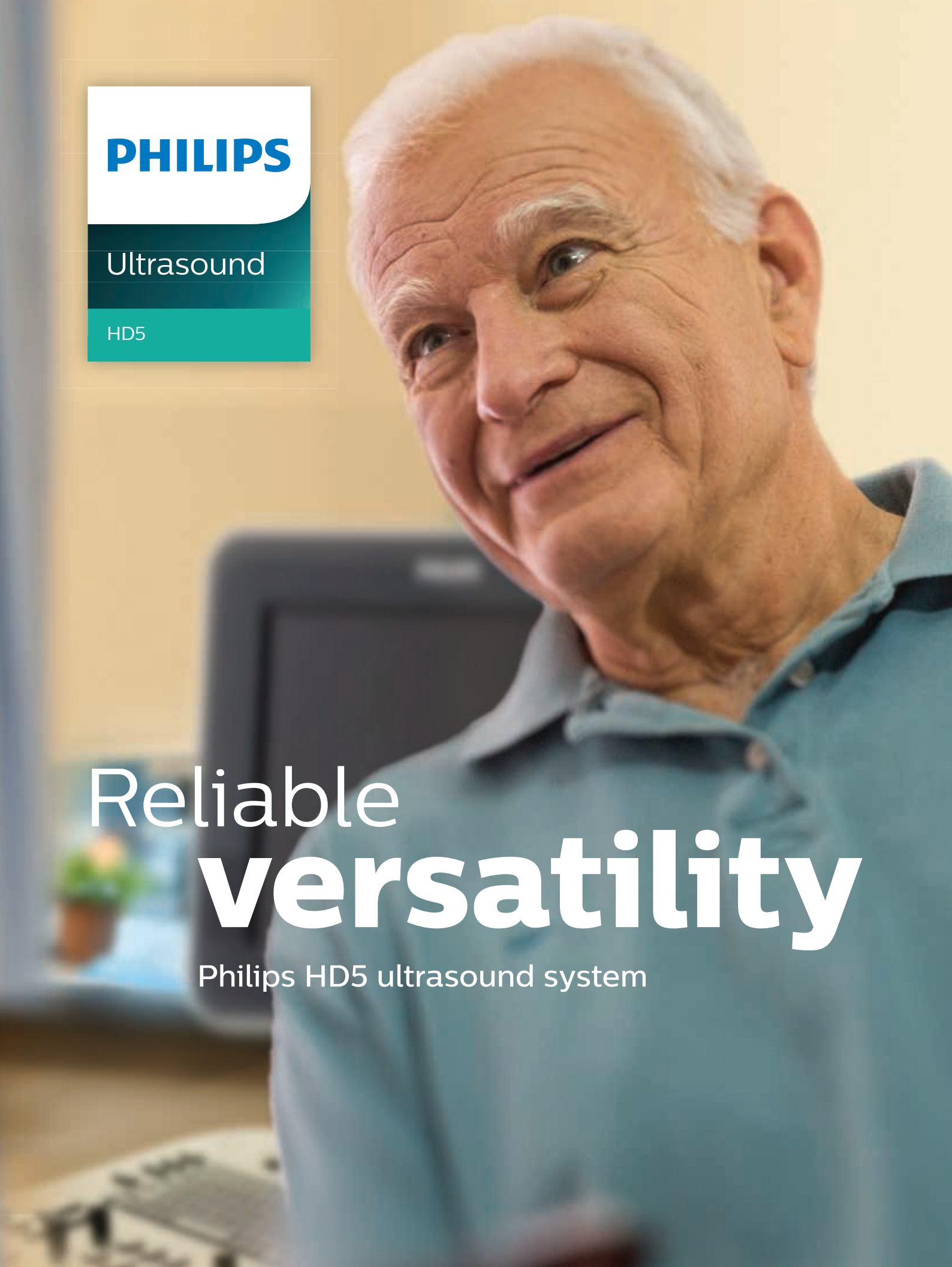

PHILIPS
Ultrasound
HD5
Reliable
versatility
Philips HD5 ultrasound system

# More scans, **more patients**

The HD5 system offers top performance for a variety of clinical settings and a high volume of patients.


The control panel is designed to be easy to use, even for 3D/4D imaging.

## Designed to perform

Every day, your patients come to you for high-quality care. Now, there's an ultrasound system that works just as hard as you do to help exceed their expectations.

Philips HD5 is a versatile, full-feature color ultrasound system that offers superb image quality and a wide range of capabilities — all at an affordable cost.
And with the HD5, you can rely on proven technology from a global ultrasound leader, such as a broadband digital beamformer to capture and preserve more tissue information than conventional narrow-based systems. This wide dynamic range and digital focal tuning provide superb sensitivity and detailed resolution.

# **Expand** your offerings with enhanced capabilities

With Philips HD5 ultrasound, you have access to quality performance... without sacrificing your budget. Every Philips system benefits from decades of world-class research and development.

### Helps make the most of your investment

HD5 gives you access to a wide variety of applications found in our more premium systems in a high-performance yet affordable format. In addition, valuable clinical and technical education is available through online and in-person courses.

### Performance you can trust

The system provides innovative technology and intuitive workflow in an affordable, mobile unit that's built to withstand the rigors of a multi-use setting.

### Reliability that counts

The proven HD platform has more than 25,000 units installed globally and is supported by highly trained clinical and technical specialists. Philips Ultrasound has ranked #1 in overall customer service performance for 23 consecutive years.[1]

### Service that aids productivity

Remote Desktop[2] service troubleshoots technical and clinical concerns, and offers proactive monitoring to help limit downtime by alerting Philips personnel to potential problems so they can be corrected before system operation is affected.

**Linear, curved, and sector transducers support a wide variety of exam requirements.**

**Controls automatically adjust imaging parameters to provide quick optimization for superb results.**

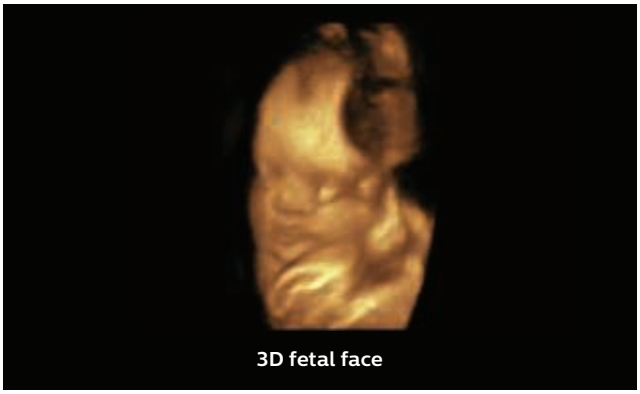
[1] IMV ServiceTrak Ultrasound All Systems Report.
[2] Service agreement required for access to Philips Remote Desktop. Internet access required. Not all remote features available in all countries; contact your Philips representative for details.

# Quick and easy volume imaging

Workflow advances such as user-defined presets for volume imaging allow you to focus attention where it matters: on your patients.

## Incorporate 3D/4D imaging into your daily routine

- A suite of volume tools, including real-time 4D and static 3D, allows for comprehensive examination
- Intuitive workflow helps to reduce acquisition time and the time patients spend waiting
- Multiple rendering options enrich your visualization
- Intelligent post-processing tools enhance desired anatomy, aiding clinical confidence
- Ability to acquire volumes and manipulate with multi-slice provides a tomographic view of volume data
- Manual and semi-automatic measurements of volume to speed workflow



3D fetal face

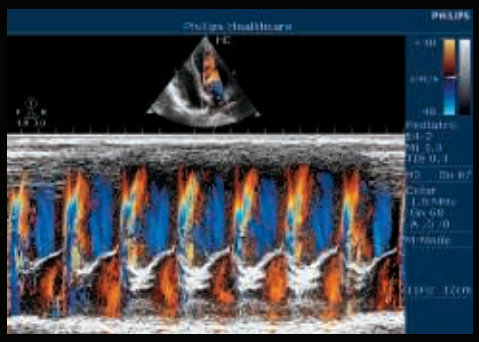
# More **pediatric** imaging


HD5-compatible transducers are designed to enhance pediatric imaging.

HD5 allows for a wide range of clinical applications, such as pediatric echo, pediatric abdomen, neonatal head, and pediatric hip.

## Expand your pediatric imaging capabilities

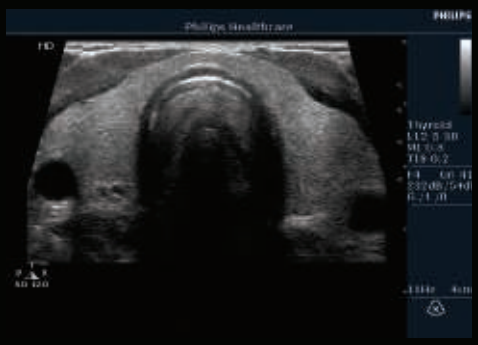
# **Imaging excellence**
## across a range of applications



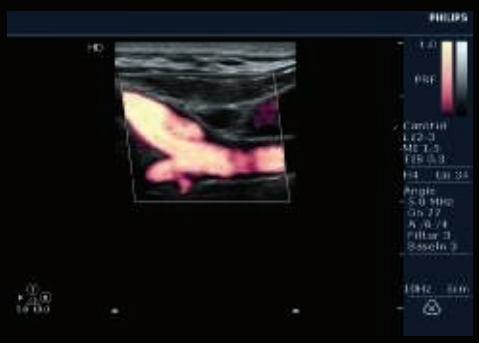
Color M-mode of the early diastolic flow (Vp)

Uterus

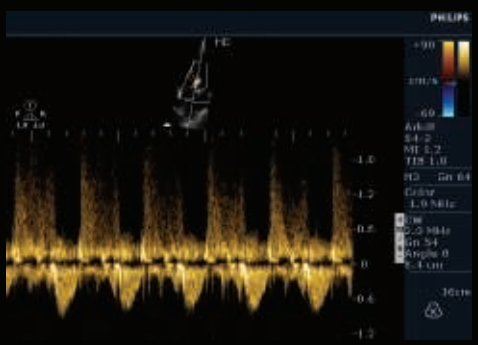
Abdominal aorta and IVC



Thyroid gland – extended view



Color in carotid bulb



CW in aortic stenosis

Color flow in neonatal brain

28-week 3D fetal spine

# **Ease of use** and advanced workflow

Manage high patient volumes without compromising performance. Designed with ergonomics and efficient workflow in mind, the HD5 can be configured with multiple peripherals to meet your documentation needs, and includes configurable reports and in-depth analysis to help you effectively communicate results.

- Tilt-and-swivel display for viewing comfort
- Up to four transducer ports for efficient workflow
- Compact and lightweight for easy mobility
- iSCAN (one-touch optimization) for fast image acquisition
- Programmable presets for a range of imaging needs
- DICOM 3.0 connectivity for seamless transfer to PACS

Optional off-line QLAB quantification software capability allows you to perform post-examination image review and analysis on a personal computer, for greater flexibility.

The lightweight HD5 has a small footprint for increased portability and maneuverability.

### Powerful features

- 15" high-resolution wide-angle view LCD display
- Choice of up to eight transducers
- Static and real-time 3D imaging
- Outstanding B-mode imaging
- XRES (speckle reduction technology)
- SonoCT real-time image compounding
- Philips Microfine 2D focusing
- Philips Color Power Angio (CPA)
- Directional Color Power Angio
- M-mode
- Anatomical M-mode
- Color M-mode
- Sensitive color and spectral Doppler
- Intelligent Doppler
- Pulsed wave Doppler
- High PRF pulsed wave Doppler
- Continuous wave Doppler
- Adaptive Doppler
- Adaptive color Doppler
- Color compare mode
- Dual mode
- Duplex mode for simultaneous 2D and Doppler
- Triplex mode for simultaneous 2D, Doppler, and color or CPA
- 2D optimization signal processing
- Tissue Harmonic Imaging (THI)
- Tissue Doppler Imaging
- Reconstructed zoom with pan (read zoom)
- Philips high-definition zoom (write zoom)
- Trapezoidal imaging (expanded field of view linear transducer)
- Pulse Inversion Harmonic imaging
- Panoramic imaging

### Clinical applications

- Abdominal
- Small parts and superficial
- Pediatric
- Musculoskeletal
- Neonatal
- Urology
- Obstetrical
- Gynecological and fertility
- Vascular
- Transcranial Doppler
- Cardiac

Product not available in USA.




www.philips.com/HD5

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