

Not just a new ultrasound, a new vision

Philips VISIQ ultrasound

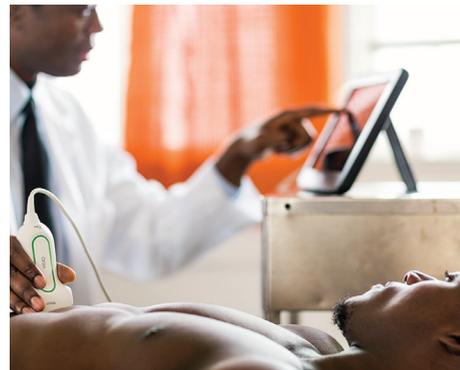
PHILIPS

Ultra mobile

Wherever you need to deliver high-quality Ob/Gyn or abdominal ultrasound imaging, whether in traditional or remote locations, VISIQ is the easy choice. It's ready to go whenever and wherever care takes place.

To achieve this remarkable mobility, Philips took advantage of advances in miniaturization to integrate a sophisticated broadband digital beamformer and powerful image acquisition module into the transducer, and designed it to work with a compact tablet display. As a result, VISIQ makes it easy to provide ultrasound exams nearly anywhere. Take it to a patient's bedside to quickly conduct a fetal exam in minutes, on the spot. Travel to remote clinics to perform exams. Or carry it into labor and delivery to quickly determine the need for a C-section.

VISIQ's thin, lightweight tablet can be placed on a bedside table to view its exceptional, high-definition images. Its slim, ergonomically designed stand is easy to move quickly from bed to bed, and carrying it from clinic to clinic is a breeze. VISIQ wakes from sleep mode and is ready to start scanning in a few seconds. Its battery life supports over 2.5 hours of back-to-back scanning, making on-the-go ultrasound a reality.



Ultra performance

You've come to expect exceptional image quality from Philips ultrasound systems. Don't let size change your expectations. VISIQ taps the power of our passion for ultrasound and decades of expertise to deliver exceptional high quality clinical images that rival those from cart-based systems.

It's what's inside that counts

VISIQ's core imaging electronics – the micro beamformer and image optimization module – have been miniaturized and placed in the transducer. Add advanced technologies and intelligent optimization, and the result is cart-based performance in a small format system that helps you easily and quickly get the high-quality images you need to make your decisions with increased confidence.

- **SonoCT** acquires multiple lines of sight and compounds them in real time. Your images have fewer artifacts, improved contrast resolution, and better defined tissue margins. SonoCT has been clinically proven* to improve image clarity, so you can be confident in your data.
- **XRES** adaptive image processing enhances image quality through millions of calculations. XRES works in tandem with SonoCT to further reduce artifacts, and improve contrast resolution and border definition.

- **Tissue Harmonic Imaging (THI)** processes second harmonic frequencies in tissue, using patented technology. THI is just one of the technologies responsible for VISIQ's high-quality imaging with reduced artifacts, enhanced clarity and increased detail resolution across your patient population.
- **AutoSCAN**, our no-touch intelligent optimization capability, automatically identifies tissue type and continuously adjusts the image gain while scanning to achieve enhanced uniformity and tissue brightness. With less need to adjust controls, you can focus on the patient, confident you have excellent image quality.



*Global image clarity study, Scientifica, Inc., 2001

Ultra simple

VISIQ is so advanced, it's simple. If you're familiar with smartphones, you'll quickly become comfortable with VISIQ's touchscreen user interface.



This interactive multi-touch ultrasound system delivers just the right features and on-screen controls you need to perform the task at hand – whether it's conducting a fetal well-being exam for an expectant mother or diagnosing abdominal bleeding. With precisely the information you need at your fingertips – nothing more, nothing less – you can make fast, informed decisions, enhance patient care, and increase patient satisfaction.

In addition, you can use many familiar touch-screen gestures. For example, just tap on icons to open features, pinch zoom in and out of images, pan the screen to adjust your Doppler gate, and scroll through images. You can also use AutoSCAN no-touch image optimization. VISIQ makes it easy to deliver the care your patients deserve – in less time. That is good for your patients and good for your practice.

Expect more from clinical imaging

Today's healthcare environment demands that, in addition to delivering high-quality patient care, your practice must enhance patient satisfaction, lower the costs of care, and improve efficiency. By combining the outstanding performance that Philips is known for with the simplicity of today's electronics, we've developed a highly affordable system which helps you deliver care anywhere with ease and confidence.



VISIQ – a new vision

Philips has packed more than 30 years of ultrasound experience and its core imaging technology into a smart transducer that fits comfortably in your hand. VISIQ takes advantage of advances in miniaturization to integrate a sophisticated broadband digital beamformer and powerful image acquisition module in the transducer. Its simplicity and mobility meet demands to be easy to learn and use and allow imaging to take place anywhere needed, including on-the-go, in your facility and satellite locations.

We've combined the best of Philips transducer and software technologies with the mobility of a tablet to provide access to a high quality, simple-to-use and affordable ultrasound system when and where you need it. VISIQ is a small lightweight system that provides image quality like a cart-based system and is easy to use.

VISIQ's C5-2 transducer connects directly to the system's tablet with a light, flexible USB cable, allowing you to quickly and comfortably conduct exams anywhere.

VISIQ is designed to provide exceptionally high quality images – wherever and whenever care takes place. Whether you're conducting fetal measurements, verifying fetal presentation to determine the need to use vacuum and forceps during delivery, or scanning the abdomen of a patient in a hospital or clinic to diagnose the cause of pain, you can count on VISIQ for amazing image quality and ease of use, exam after exam. VISIQ delivers the quality ultrasound images you need to make informed clinical decisions with confidence, on the spot.

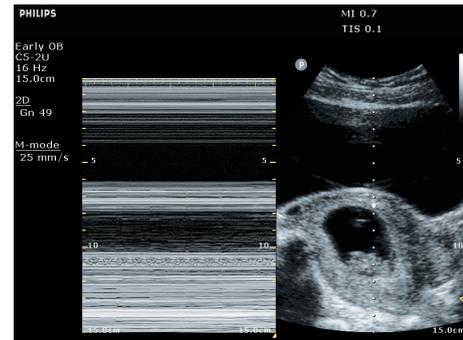


Offer imaging in your OB exam rooms

As an obstetrician, you rely on having easy access to diagnostic-quality ultrasound images to deliver a high level of prenatal care to all your patients – both healthy expectant mothers and those at high risk of complications.

Thanks to VISIQ's image quality, you'll be able to perform complete fetal well-being exams at the bedside instead of sending patients to your ultrasound suite or referring to an outside imaging facility. Easily incorporate a quick ultrasound check on amniotic fluid volume for your high-risk patients. Increase patient satisfaction with a scan during routine well-being exams and, in private-pay systems, increase revenue. VISIQ's affordability means you can quickly offer obstetrical ultrasound exams in the office, providing a valuable and unique service to your patients. Satisfied patients may help create positive word of mouth for your practice.

- Quickly and easily check fetal position, placenta location, and amniotic fluid volume, and conduct vital measurements in a short amount of time during fetal well-being exams
- Obtain real-time clinical information to help gauge patient status and enhance clinical care
- Add to or replace fetal Doppler with fetal imaging to expand diagnostic information and enhance your image as a cutting-edge facility
- Build a close relationship with your patients by quickly and easily showing them views of their developing fetus
- Add an affordable, easy-to-use second system to help grow your practice



Check fetal heart rate using M-mode for first trimester patients.



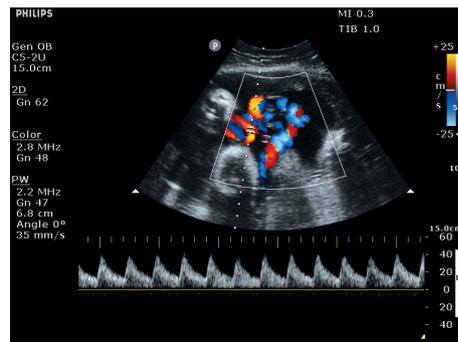
Image quality as good as a cart-based system.

Get more on-the-spot information in labor and delivery

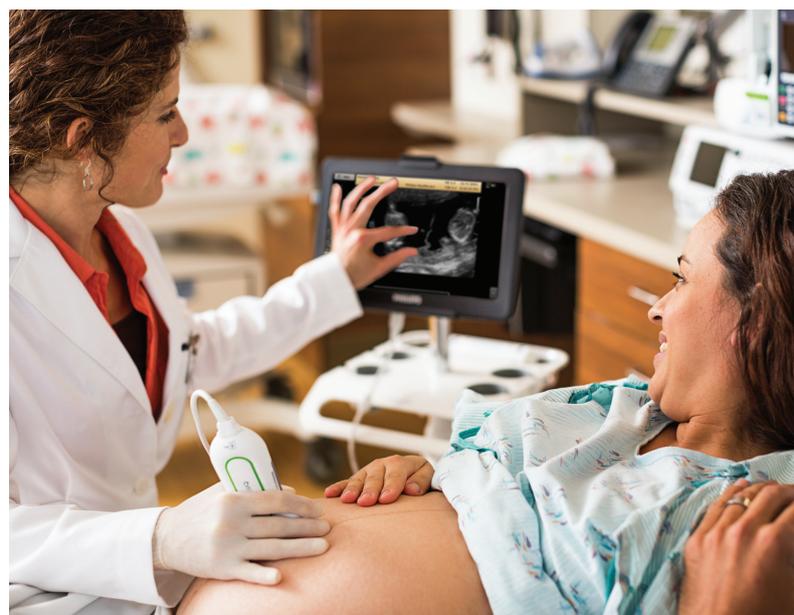
Physician's use of high-quality ultrasound images as critical allies in guiding babies on a safe journey into this world, while helping to protect the health and well-being of mothers before and during birth. The more you can see, the more you can do to raise the standard of care in labor and delivery.

VISIQ is ideal for the labor and delivery suite. It's ready when needed, with its quick wake-up capability, power-reserving mode when not in use, and long battery life – over 2.5 hours of back-to-back scanning. Incorporating take-and-use-anywhere features, simple controls, and image quality that rivals cart-based systems, VISIQ's superb images help labor and delivery staff make critical decisions quickly.

- Assess fetal position before labor and reevaluate as necessary
- Check for fetal viability in an emergency
- Assess the need for a C-section
- Take measurements on patients who present with no previous prenatal care – VISIQ's excellent image quality makes this possible so you can make decisions quickly and with confidence
- Get a clear view of fetal heartbeats, identify any bleeding, and verify the fetal presentation to determine the need to use vacuum or forceps



Check fetal vitals quickly and easily.



Count on high performance in the OB outpatient department

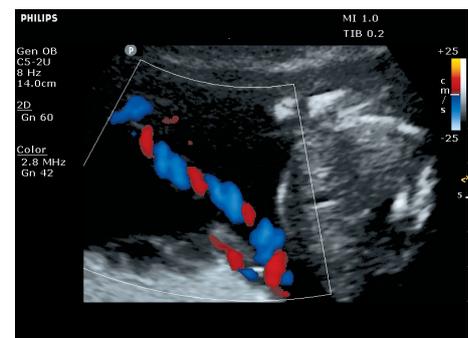
A steady increase in patient volume creates an imperative for hospitals like yours to look for fast and efficient ways to assess the health and well-being of patients, without compromising the level of care you provide.



Provide fast, efficient fetal ultrasound exams in real time to answer acute clinical questions at the bedside.

- Quickly conduct fetal well-being and abdominal exams to determine the level of care required – emergency or non-emergency
- Quickly confirm fetal heart activity during the exam
- Reduce the need to refer or move patients to an imaging department
- Focus more on your patient and less on the system
- Enhance clinical collaboration with wireless connectivity to a PACS, reporting, on-board storage, and printing

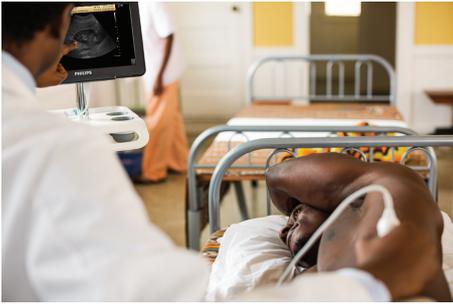
VISIQ is designed to deliver high-quality imaging, exam after exam, especially critical for departments with high-volume patient loads. VISIQ's performance helps you classify patients to determine if further care is needed during fetal well-being exams – at the bedside. There's less need to send patients to the ultrasound department when you can easily take VISIQ from room to room. And VISIQ is affordable, so you can have multiple units in the department.



Extreme portability without sacrificing exceptional image quality.



Experience excellent contrast and detail resolution.



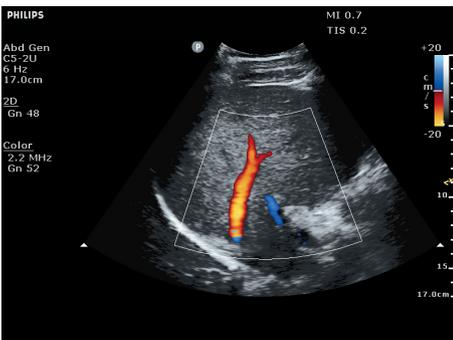
Increase exam capabilities in community medicine



Whether you practice medicine in a community health center or a satellite office, you need to address the healthcare needs of a diverse population of people who look to you for answers – especially when they're in pain or pregnant. The sooner you can identify the clinical condition they're facing, the more you can do to treat their healthcare needs.

VISIQ provides just the right features for quick fetal exams.

VISIQ is an excellent tool for community health, satellite office, and rural health providers who need obstetrical, gynecological, and abdominal ultrasound imaging. Its superb image quality can help you assess if patients can be treated in the community or must be brought to a hospital. For example, you can use VISIQ to determine if an obstetric patient is at high risk for complications, or if a patient who presents with abdominal pain needs further care. VISIQ's ultra mobility allows you to take high-quality imaging to your satellite offices, as well as remote locations, helping you acquire exam data for patients near and far.



Get abdominal images with excellent color flow and Doppler sensitivity.



Confidently assess your patients without hesitation.

- Take advantage of VISIQ's ultra mobility to perform well-being exams at community centers, schools, and satellite offices
- The system fits in your bag and allows you to travel across dusty, bumpy roads to bring diagnostic ultrasound to patients in remote rural areas
- Quickly conduct ultrasound exams to determine if an obstetric patient is at high risk of complications or to diagnose pain in an abdominal patient and refer them to the next level of care
- Use high-quality ultrasound images to pinpoint severe bleeding, placenta previa, and obstructed labor
- Conduct ultrasound exams for over 2.5 hours without worrying about electrical fluctuations or power loss – thanks to a long battery life
- Enhance the reputation of your clinic as a provider of quality care to patients

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