



PHILIPS

Ultrasound

Lumify

Philips Lumify – ultrasound
on your Android device.
Ready when you are.



Lumify is the app-based mobile ultrasound system that brings Philips-quality imaging to your compatible smart device.

An exciting breakthrough in **point-of-care** imaging technology

Bring the technology directly to your patients when it's needed, for faster diagnosis and treatment.

Our bring your own device (BYOD) model makes it easy to get started. With three simple steps you're ready to go.

1

Download

the Lumify app to your smart device.*



2

Connect

the Lumify transducer to your compatible smart device.



3

Scan

with the exceptional quality of Philips imaging technology.



* See Lumify portal for the list of compatible smart device options: www.philips.com/lumify-compatible-devices





Lumify combines all the advantages of Philips innovation to bring you truly mobile ultrasound capability.

Download the app, connect, scan, and share images from your compatible smart device or phone.



Our transducers and mobile app incorporate decades of expertise and innovation in ultrasound imaging to help you make informed decisions.

Quality imaging

Our S4-1, L12-4, and C5-2 transducers deliver exceptional image quality and reliable performance.

High-quality ultrasound imaging is now available on your compatible smart device with Lumify, the mobile app and hardware solution from Philips. Lumify's newest transducer, the S4-1, has presets for cardiac, abdominal with lung, Ob/Gyn, and FAST exams. Our L12-4 transducer supports a variety of clinical applications, including soft tissue, musculoskeletal, lung, and vascular scanning. The C5-2 offers abdominal with lung and gallbladder presets, and Ob/Gyn capabilities.

Simple connectivity

Lumify makes it easy to capture and send diagnostic data.

Philips Lumify mobile ultrasound gives you the power to quickly send and share images, notes, and diagnostic data via email, a shared network, or a local directory. It's a dependable and comprehensive point-of-care solution that brings simplicity, mobility, and flexibility to ultrasound technology.

Easy deployment

Unique design minimizes operational requirements.

The Lumify solution was designed from the start to be easy for a medic to use and easy for a department to deploy, without sacrificing clinical performance.

- Choose the Android device and screen size that works best for your team
- Battery-less transducer design for simple equipment management
- Replaceable transducer cables
- 2 - 5 hours of continuous scanning time
- Ongoing software upgrades
- Compatible with the latest encryption and data security systems

Lumify brings three decades of **imaging expertise** and innovation to point-of-care practitioners.

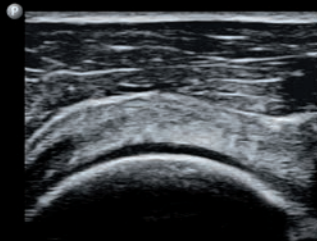
Philips Lumify offers quality imaging and flexibility with three transducers:

- C5-2 broadband curved array
- L12-4 broadband linear array
- S4-1 broadband phased array

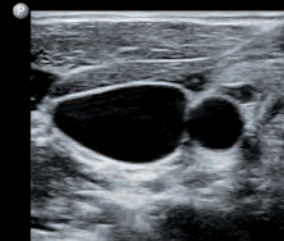
For more information about the flexibility, simplicity, and quality of Lumify ultrasound, visit Philips.com/lumify or call **1-844-MYLUMIFY**.



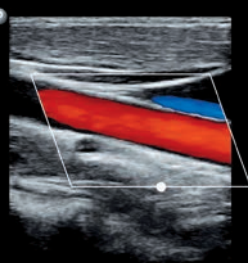
Just plug the transducer into the USB port of your compatible smart device and you're ready to begin scanning.



Rotator cuff/shoulder



Carotid artery and jugular vein



Carotid



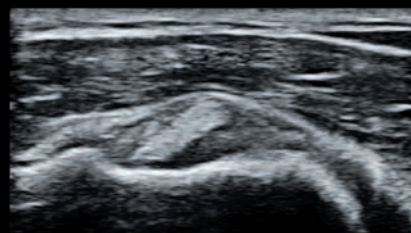
Gallbladder



Inferior vena cava



Kidney cyst



Biceps tendon



Left ventricle short-axis

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www.philips.com/lumify

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EMS Top 5 Ultrasound Applications *Primary Transducer is the S4-1

Internal bleeding (trauma), FAST/eFAST

Focused assessment with sonography in trauma (commonly abbreviated as **FAST**) is a rapid bedside ultrasound examination performed by surgeons, emergency physicians, and certain paramedics as a screening test for blood around the heart (pericardial effusion) or abdominal organs (hemoperitoneum) after trauma.

<http://viewer.zmags.com/publication/9c83f42b#/9c83f42b/1>

<https://www.bing.com/videos/search?q=tutorial+to+do+fast+exam+with+ultrasound&view=detail&mid=0166BA4F930230D8F2910166BA4F930230D8F291&&FORM=VDRVRV>

<http://viewer.zmags.com/publication/b157e52b#/b157e52b/1>



Cardiac arrest or shock state (PEA)

Cardiac arrest is the abrupt loss of heart function in a person who may or may not have been diagnosed with heart disease.

Pulseless electrical activity (**PEA**), refers to cardiac **arrest** in which the electrocardiogram shows a heart rhythm that should produce a pulse, but does not.

<http://viewer.zmags.com/publication/05002226#/05002226/1>

<https://www.emsworld.com/article/12293980/using-ultrasound-for-cardiac-arrest>

<https://www.ems1.com/ems-products/Medical-Monitoring/articles/2206998-5-tips-for-managing-the-PEA-cardiac-arrest-patient/>



Pneumothorax

A **pneumothorax** (noo-moe-THOR-aks) is a collapsed lung. A **pneumothorax** occurs when air leaks into the space between your lung and chest wall. This air pushes on the outside of your lung and makes it collapse.

<https://www.youtube.com/watch?v=Y0dpwwgf0ig&list=PLUKApVTR3S-6PEaS-By1kru1qqNqUEcRI&index=2>

<http://viewer.zmags.com/publication/1f3688e9#/1f3688e9/1>

<https://www.youtube.com/watch?v=Ck2HfEmOMqs&list=PLUKApVTR3S-6PEaS-By1kru1qqNqUEcRI&index=1>



Vascular Access

A **vascular access procedure** involves the insertion of a flexible and sterile thin plastic tube, or catheter, into a blood vessel to provide an effective method of drawing blood or delivering medications, blood products, or nutrition into a patient's bloodstream over a period of weeks, months or even years.

[https://www.aana.com/docs/default-source/practice-aana-com-web-documents-\(all\)/use-of-ultrasound-to-guide-vascular-access-procedures.pdf?sfvrsn=acfc48b1_2](https://www.aana.com/docs/default-source/practice-aana-com-web-documents-(all)/use-of-ultrasound-to-guide-vascular-access-procedures.pdf?sfvrsn=acfc48b1_2)

<https://www.youtube.com/watch?v=OUpXQg4r1s4>

<https://www.youtube.com/watch?v=RHpzLJHebMU>

<https://www.youtube.com/watch?v=4Znd21vJPb8>



Aortic Aneurysm

An **aortic aneurysm** is an abnormal bulge that occurs in the wall of the major blood vessel (**aorta**) that carries blood from your heart to your body. **Aortic aneurysms** can occur anywhere in your **aorta** and may be tube-shaped (fusiform) or round (saccular).

http://viewer.zmags.com/publication/e546b72f#/e546b72f/1?origin=13_us_en_lumify2016-foamed_twitter

<https://www.bing.com/videos/search?q=tutorial+on+how+to+scan+aaa+with+ultrasound&view=detail&mid=349B0BCF185E5476>

