

# Vscan

## Fast Access to Ultrasound in Emergency Medicine

Make Vscan\* Ultrasound imaging an integral part of emergency medicine. Hand-held, light, and always in your pocket, Vscan lets emergency care clinicians add a visual inspection to the physical examination. Hospital emergency departments and emergency medical services can diagnose with confidence using Vscan, enabling treatment to start earlier.

### Benefits

- Enhanced triage
- Improved patient management & workflow
- Enriched clinical assessment & decision confidence

### Vscan helps to redefine the physical exam

- Lightweight, portable and robust – fits easily into a lab coat pocket
- Intuitive user interface can be easily controlled using the thumb
- Imaging modes includes B-Mode with harmonics for excellent image quality and color-coded blood flow
- Battery life up to one hour of continuous scanning, and battery charger station

**healthmagination**  
a GE commitment



Learn more about Vscan by visiting  
[www.gehealthcare.com/Vscan](http://www.gehealthcare.com/Vscan)



# Vscan in Emergency Department

## Vscan used for trauma patient management:

- Visual inspection of liver size
- Gallbladder assessment for presence or absence of stones
- Kidneys & urinary bladder
- Abdominal aorta assessment
- Intra abdominal, pleural and cardiac fluid (FAST protocol)



Gallbladder



Left kidney



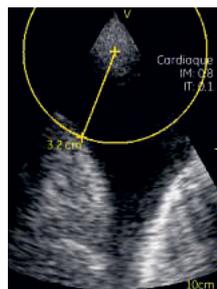
Pancreas



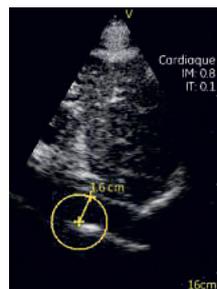
Fluid detection

## Vscan used for cardiac and hemodynamic assessment:

- Basic cardiac assessment (FATE protocol)
- Thoracic / pleural fluid and motion detection
- Visual inspection of vena cava diameter variation
- Intra-abdominal fluid



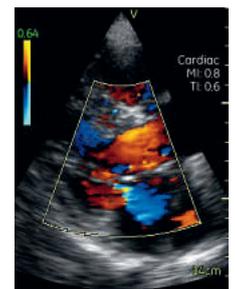
Pleural fluid



Vena cava



Pericardium visualization



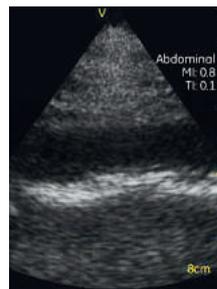
Valve assessment

## Vscan used for elderly patient management:

- Bladder assessment
- Intra abdominal fluid detection
- Basic cardiac assessment
- Abdominal assessment



Urinary bladder



Abdominal aorta



Kidney



Liver

## Vscan used for Obstetric emergency:

- Fetal heartbeat
- Fetal position
- Intra abdominal fluid detection
- Amniotic fluid measurement



Intra abdominal fluid detection



Amniotic fluid measurement



Fetal heartbeat



Fetal profile

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<http://vscan.gehealthcare.com>

