

AI Abdomen

Address the challenges and pressures in abdominal ultrasound

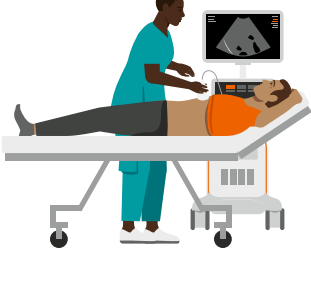
As a clinician, you are aware of the demands of today's healthcare environment. Variability in imaging and manual tasks add to the stress and time constraints you face. Streamline your workflow, reduce variability, and alleviate physical discomfort with AI Abdomen.

AI in ultrasound is designed to solve your everyday challenges



Workforce shortage

90% are scanning in pain¹



Variability in results

Lack of standardization across ultrasound users causing variability in results

ACUSON Sequoia Practical AI reduces manual work and variability

AI is designed to help you spend less time on repetitive, manual tasks and more time focused on patients.

AI-powered tools on board ACUSON Sequoia help you deliver consistent results for clinical confidence, reduce variability between users, and streamline exam workflow, even in high volume or understaffed environments.



5600+ AI-powered measurements

Faster labeling, reproducible measurements

The full picture in the blink of an eye

Make the most of the precious time and talent of your clinical teams. Empower faster, smarter exams with an experience that is leaving clinicians speechless – and it's only available on ACUSON Sequoia with AI Abdomen.



Automate your ultrasound workflow



Expedite your exams with automated view recognition, labeling, and measurements

1. Right Liver Sagittal

2. Left Liver Sagittal

3. Right Liver Transverse

4. Left Liver Transverse

5. Right Kidney Sagittal

6. Left Kidney Sagittal

7. Right Kidney Transverse

8. Left Kidney Transverse

9. Pancreas Sagittal

10. Pancreas Transverse

11. Aorta

12. Inferior Vena Cava (IVC)
13. Gallbladder Sagittal

14. Gallbladder Transverse

15. Spleen Sagittal

16. Spleen Transverse

17. Common Bile Duct (CBD)

17 anatomical views

12 key measurements

1. Liver Length

2. Right Kidney Length

3. Right Kidney Width

4. Right Kidney AP

5. Left Kidney Length

6. Left Kidney Width

7. Left Kidney AP

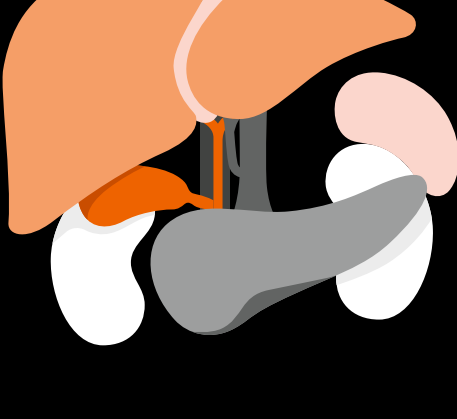
8. Gallbladder Wall Thickness

9. Spleen Length

10. Spleen Width

11. Spleen AP

12. Common Bile Duct (CBD)



Measurements in milliseconds

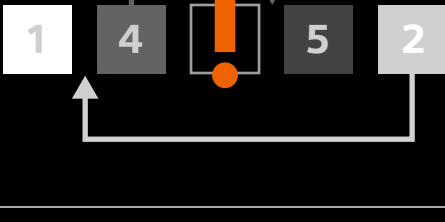
Make excellence easy



With automatic caliper placement and measurements, imaging becomes standardized across users for greater consistency.

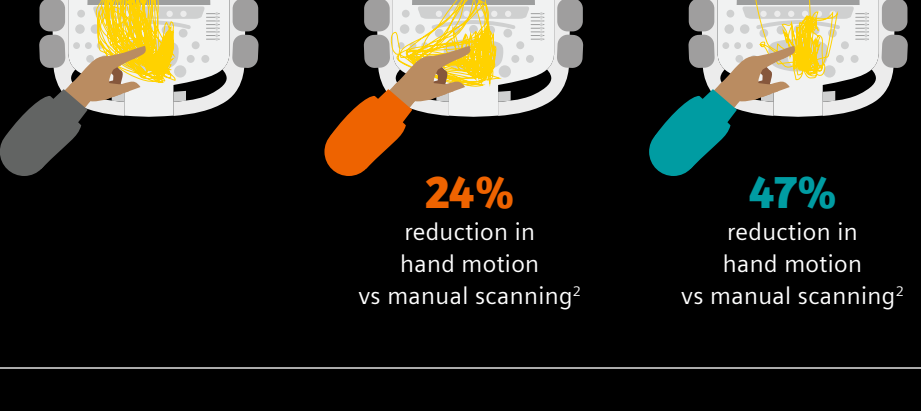
Scan in any order

Automatic reordering keeps protocols in line and flags missed views. Imaging results are presented in standardized order for greater consistency and easier review in the reading room.



Reduce hand movement

AI Abdomen reduces manual movements and is designed to keep operation centralized on the controls, with less reaching and touching. Automated labeling and measuring reduce manual movements to mitigate the fatigue and injury that can result from work-related pain.



Winner of R&D 100 award

AI Abdomen won R&D World's R&D 100 award, the most prestigious innovation awards program for the past 60 years, honoring great R&D pioneers and their revolutionary ideas in science and technology.



¹ Evans K, Roll S, Baker J. Work-Related Musculoskeletal Disorders (WRMSD) Among Registered Diagnostic Medical Sonographers and Vascular Technologists.

² Data on file.