



FROM SCAN ACQUISITION TO CLINICAL UNDERSTANDING

e Sono Clinical Essentials Library

Build confidence in ultrasound across multiple specialties with real patient scans and clinical cases. A simulation-based ultrasound training solution designed to provide broad clinical exposure and hands-on practice in both image acquisition and interpretation. By combining interactive ultrasound scans with real patient cases, the library enables learners to explore anatomy, recognize pathology, and develop essential diagnostic skills across multiple organ systems. Designed for flexible, self-paced learning, it serves as an ideal entry point into ultrasound education and a strong foundation for further specialization.



START BROAD. THEN SPECIALIZE.

The e Sono Clinical Essentials Library is designed as the foundation of ultrasound training.

- Build initial confidence across multiple systems
- Understand core anatomy and pathology
- Develop essential scanning and interpretation skills

INCLUDES e Sono COMPLETE SET OF FEATURES



Anytime, anywhere: e Sono works on a laptop connected to the internet. No software installation required.



Immediate Feedback: Receive automatic expert feedback after each exercise.



Hardware-free: Scan with a virtual probe or using any smartphone as a probe joystick.



Smart Anatomy: Includes detailed anatomical layers to enhance understanding of anatomical structures in ultrasound.



Real-Life Scenarios: simulate using data acquired from real patients.



Ultrasound Features: e Sono mirrors real ultrasound machines with features such as measurements, depth and gain adjustments, and annotations.

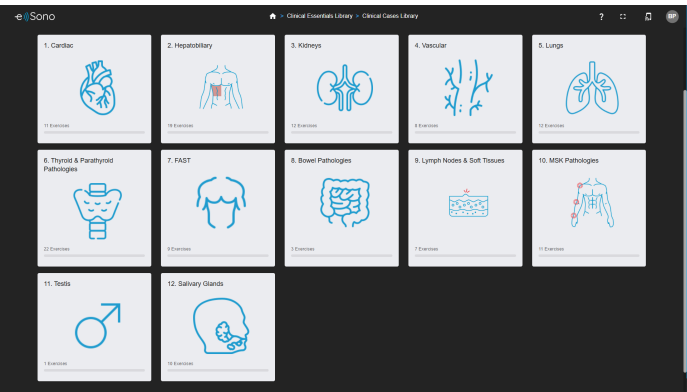
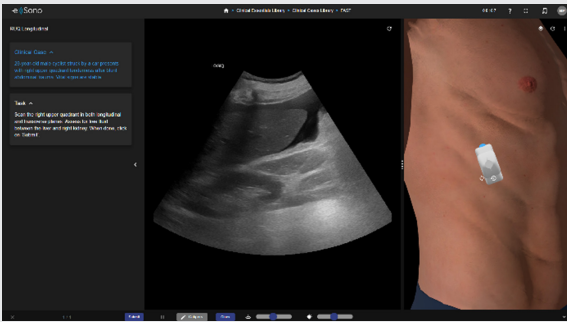
TRAIN WITH REAL CLINICAL DATA

e Sono recreates real ultrasound workflows within a fully interactive environment, allowing learners to practice as they would in clinical settings.

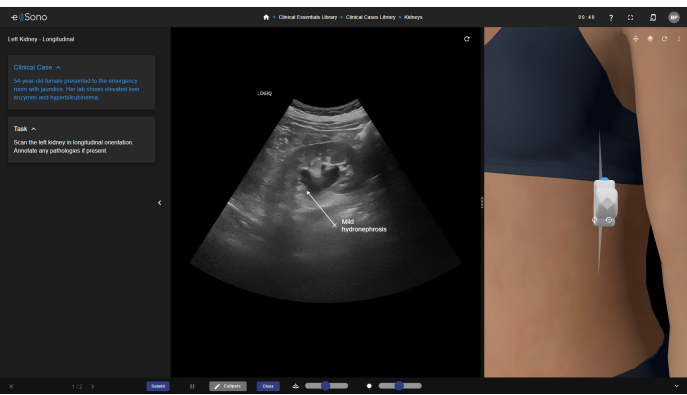
CLINICAL CASE LIBRARY

Strengthen diagnostic reasoning with real-world patient scenarios across multiple specialties.

- 125 real clinical cases
- Organized by organ system
- Exposure to normal and pathological findings
- Focus on clinical interpretation and decision-making



A comprehensive library with multiple real scans from different patients



Use annotation and measurement tools just like in real life to highlight your findings and support your diagnosis



Anatomy layers help in understanding anatomical structures in ultrasound

ULTRASOUND SCAN LIBRARY

Develop core scanning skills and anatomical understanding through a structured library of real patient scans.

- 300+ ultrasound scans (normal and pathological)
- Standard and cross-sectional views
- Practice probe positioning and image acquisition



DELIVERY CONTENT

This is a unique online technology accessible from any internet-connected device, eliminating the need for additional hardware. Access is granted via username and password after purchase is confirmed.

Need multi-user access?

If you are considering incorporating this course into your organization's curriculum for a full semester or longer and require access for multiple users, please reach out to us.

COURSES

Single User: 8001451

Multiuser License: 8001452



CONTENT

CLINICAL CASE LIBRARY

Bowel Pathologies

Appendicitis
Normal Appendix
Terminal Ileitis

Cardiac

Chronic Mitral Regurgitation
Chronic Valvular Disease
Hyperdynamic LV Contraction
Mild LV Dysfunction
Mild RV Strain
Moderate LV Dysfunction
Normal LV Function
Pericardial Effusion
Severe LV Dysfunction
Takotsubo

FAST

LUQ – Positive Findings
(Mild–Moderate)
Pelvis – Positive Findings
(Mild–Moderate)
RUQ – Positive Findings
(Moderate–Severe)

Hepatobiliary

Acute Cholecystitis
Biliary Colic (Normal Anatomy)
CBD Dilation
Choledocholithiasis
Gallbladder Polyps
Hepatic Steatosis
Large Gallstones

Liver Abscess/Hemorrhagic Cyst
Liver Complicated Cyst
Liver Hemangioma
Liver Mass & Biliary Sludge
Liver Metastasis
Multiple Gallstones
WES Sign

Kidneys

Hydronephrosis (different severities)
Hydroureteronephrosis
Polycystic Kidney Disease
Renal Abscess
Renal Angiomyolipoma (AML)
Renal Colic (Normal Anatomy)
Renal Cysts
Renal Stones

Lungs

Acute Respiratory Distress Syndrome
Atelectasis & Pleural Effusion – Moderate
Atelectasis & Pleural Effusion – Small
Normal Lungs
Pleural Effusion – Turbid
Pneumonia – Mild
Pneumonia – Moderate
Pneumonia – Severe
Pneumothorax

Lymph Nodes & Soft Tissues

Lymphadenitis (Cat Scratch Disease)
Lymphoma
Metastasis from Malignant Tumor
Normal Groin Lymph Node
Pathological Axillary Lymph Nodes
Soft Tissue Collection
Soft Tissue Edema

MSK Pathologies

Achilles Dorsal Spur
Baker's Cyst
Biceps Tendinitis
Biceps Tendon Tear
Biceps Tenosynovitis
Ganglion Cyst
Hip Joint Effusion
Plantar Fibroma
Supraspinatus Partial Tear
Wrist Flexors Tenosynovitis

Salivary Glands

Benign Neoplasm of Parotid Gland
Parotid Cyst
Parotid Pleomorphic Adenoma
Submandibular Squamous Cell Carcinoma

Testis

Testicular Varicocele

Thyroid & Parathyroid Pathologies

Multinodular Goiter
Multinodular Thyroid
Normal Thyroid
Parathyroid Adenoma
Papillary Thyroid Carcinoma
Thyroid Calcific Nodule
Thyroid Colloid Nodule
Thyroid Cyst
Thyroid Lesion & Colloid Nodule
Thyroiditis

Vascular

AAA Screening (Normal diameter abdominal aorta & IVC)
Abdominal Aortic Aneurysm (AAA)
Carotid Artery Atherosclerosis
Collapsible IVC
Distended IVC
DVT: Femoral Vein
DVT: Popliteal Vein
Internal Jugular Vein Thrombus

SCANS LIBRARY

Organ (Number of Scans)

Abdominal Wall (1)
Achilles Tendon (9)
Ankle (4)
Aorta & IVC (21)
Appendix (2)
Ascites (6)
Bladder (9)
Bowel (3)

Elbow (10)
Eye (1)
Female Pelvis (5)
Finger (3)
Forearm (6)
Gallbladder (26)
Heart (17)
Hematoma (4)
Hernia (2)

Kidney (44)
Knee (8)
Lipoma (5)
Liver (46)
Lungs (19)
Male Pelvis (8)
Neonatal Brain (3)
Omental Cake (1)
Pancreas (4)

Parotid (8)
Portal Triad (4)
Prostate (9)
Shoulder (4)
Spleen (2)
Thigh (8)
Thyroid (9)
Wrist (7)

IF YOU HAVE ANY QUESTIONS OR NEED SUPPORT, PLEASE SCAN HERE



3B Scientific Group

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