



PATIENT CARE WORKFLOW GUIDE

SonoMate: Guided Ultrasound Acquisition and Review

A clinical workflow brief for device setup, real-time acquisition guidance, selected-frame organization, and physician review.

Intended audience

Emergency and acute-care leaders, ultrasound program directors, sonographers, clinicians, and imaging IT

Scope

Product and workflow information grounded in supplied Rainscales materials. Not clinical guidance or a regulatory statement.



Workflow at a glance

SonoMate is described as an ultrasound workflow that connects device administration, study setup, real-time guidance, best-frame support, and clinician review.

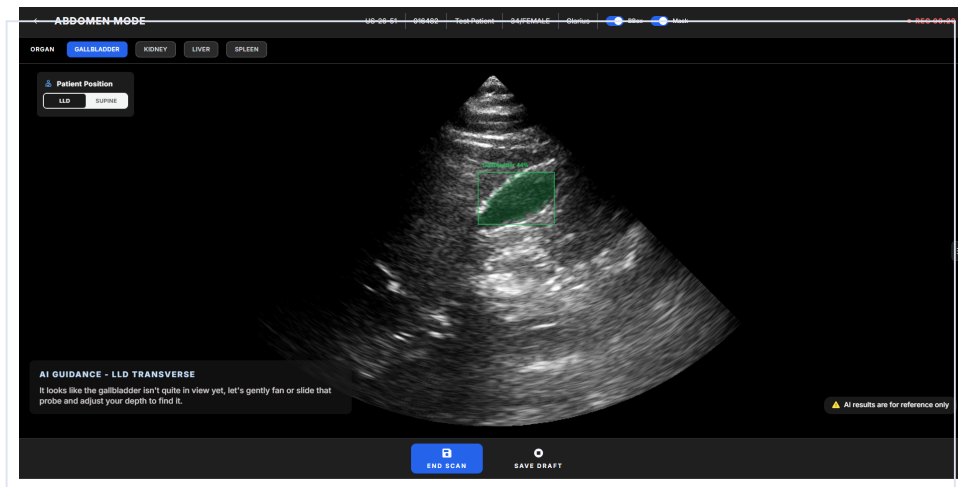
The supplied materials show abdominal acquisition support and a three-point lower-extremity DVT compression workflow. They do not establish diagnostic performance, autonomous interpretation, or clinical outcomes.

1. Register device	Maintain the ultrasound device list and confirm connection status.
2. Configure ROI	Define the ultrasound image region presented to the guidance model.
3. Set up study	Select the supported examination workflow and required study context.
4. Acquire	Follow on-screen guidance and organize selected images during the scan.
5. Review	Present checklist state, captured images, notes, and session video for clinician assessment and sign-off.

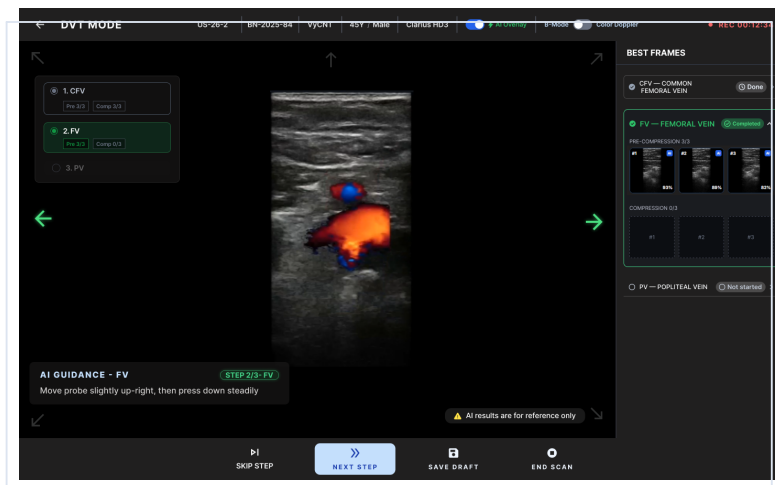
The interface supports human review. It does not establish diagnostic accuracy, clinical efficacy, regulatory clearance, integration support, or product availability.

Product workflow in view

The supplied interfaces below show the workflow stages described in this guide.



Abdomen Mode: real-time acquisition guidance and best-frame support during the scan.



DVT Mode: checkpoint guidance with compression context and selected frames organized for review.

Product modules

Device

Registered ultrasound devices, type, identity, location, edge association, and connection check.

Configure ROI

A per-device crop that retains the ultrasound image region and removes unrelated console interface from model input.

Live Scan – Abdomen

Real-time acquisition support with an overlay, guidance text, and best-frame support as represented in the materials.

Live Scan – DVT

A three-point workflow covering common femoral, femoral, and popliteal vein checkpoints, with pre-compression and compression images organized for review.

Study Detail

A review workspace with checklist status, captured images, scan-session video, notes, and reviewing-clinician sign-off.

Operational detail

- Only devices with a checked connection are described as available in Study Setup. The device list distinguishes console and handheld devices and records deployment context such as hospital, room, and edge.
- ROI configuration allows an administrator to draw the retained image region on a sample frame, inspect its pixel dimensions, reset, cancel, or save the configuration.
- The DVT demonstration organizes CFV, FV, and PV checkpoints. Expansion to other venous segments, protocols, patient populations, or diagnostic claims requires clinical and regulatory review.

Implementation discussion guide

Use these questions to define scope before treating the interface as a production workflow.

- Which examination protocols and device models are approved and available?
- Who configures and validates the ROI after device or software changes?
- What training and competency expectations apply to operators?
- How are studies routed, retained, integrated, and governed within the clinical record?

Governance and validation

- Define clinical and operational ownership for every state, exception, escalation, and sign-off.
- Validate the workflow with representative users, devices, environments, and edge cases.
- Document privacy, security, retention, access, audit, downtime, and change-control requirements.

Review required before external use

Clinical and regulatory review is required for protocol language, diagnostic use, supported anatomy, performance, device compatibility, and product availability.

Review the workflow with Rainscales

Use this guide to structure a review with clinical, operational, privacy, security, and regulatory stakeholders.



Primary supplied sources: SonoMate_Catalogue(3).docx, SonoMate_Landing_Page_Final 1(2).html, and the approved Ultrasound Guidance webpage.

No performance metrics, clinical outcomes, customer results, regulatory approvals, named integrations, or deployment timelines are asserted in this guide.