Step 1: Upload Images

- 📁 **Supported Types:** B-mode images and CEUS video $PNG/JPG/MP4$
- 🖼️ You can upload multiple images at once, drag & drop supported.
- 🔧 Please make sure image resolution is **400×600** for best results.
- 🔍 Preview images before submission to avoid input mistakes.
- 🆔 File names must be anonymized $no\,patient\,info$.
- ⏱️ CEUS video should be at least **10 seconds** long to capture perfusion.
- 📌 *Tip:* The system auto-selects key CEUS frames for optimal performance.

Step 2: Run AI Inference

- 🤖 Click **Run Diagnosis** to launch the model.
- 🧠 The model performs tumor segmentation and classifies lesion as **benign or malignant**.
- 🩺 Extracted features include:
  - 📈 Time-intensity curve
  - 📊 Peak intensity & time-to-peak
  - 🎯 Tumor center & size
- ⚡ Inference takes ~5s per case and runs on either local or cloud backend.
- 🔎 Results will be visualized immediately after processing completes.

Step 3: Generate Diagnostic Report

- 📄 All results are compiled into a structured, printable report.
- 🖼️ Includes original image with overlay, tumor location, and AI classification.
- 📁 One-click export available in PDF and JSON formats.
- 📋 Each report has a unique case ID and is automatically saved in the case archive.
- 🔐 Reports can be securely shared with medical teams or uploaded to patient records.
- 🛠️ *Tip:* You can customize the report format in the **Settings** panel.