



Sonographer Technologist Exam Outline

This Exam Outline was developed to help you prepare for the knowledge exam.

This Exam Outline is not meant to cover all aspects of the knowledge exam, but to guide your preparation for questions that may occur in the knowledge exam.

Review:

- CT, radiography, ultrasound, MRI, venogram indications, contraindications
- Common findings based on anatomical location
- Imaging techniques, frequencies, and settings for specific anatomical locations
- Organ measurement, dimensions, normal, abnormal, causes
- Pregnancy anatomy and physiology, embryonic age measurements
- Emergency findings and reporting structure
- Arterial and venous anatomy
- Spectral analysis waveforms
- Surface landmarks
- Amniotic fluid index and indications
- Ultrasound guided procedures, safety, timing
- Transjugular intrahepatic portosystemic shunt procedures
- Breast malignancy characteristics
- Laboratory results needed prior to specific exams
- Define:
 - Portal hypertension
 - Cirrhosis
 - Hepatitis A, B, C
 - Pancreatitis
 - Ascites
 - Pyloric stenosis
 - Gerota's fascia
 - Glisson's capsule
 - Endometrial striping
 - Cholelithiasis
 - Hamartoma
 - Hemangioma
 - Hematoma
 - Hepatomas
 - Wall echo shadow
 - Wall emphysematous
 - Wall enhancement sidelobes
 - Wall enhancement signal
 - Morrison pouch
 - Pouch of Douglas
 - Quadratus lumborum