

# DMSO333 : Abdominal Sonography I

This course studies the application of ultrasound physics and instrumentation in abdominal imaging. Scanning techniques and protocols are emphasized. Sectional anatomy of the transverse, longitudinal, and coronal planes of abdominal organs of sonographic interest including the renal and urinary system, adrenal glands, prostate, biliary system, pancreas and spleen are studied. Selected pathology of these organs is discussed along with pertinent laboratory tests, pharmacologic agents, and signs and symptoms.

**Credits** 4

**Prerequisites**

AHAL223 Physics & Instrumentation; BIOS221 Pathophysiology.

**Corequisites**

DMSO320 Sonography of Superficial Structures; DMSO337 Diagnostic Medical Sonography Skills Lab.