

Reva Arnez Curry
Betty Bates Tempkin

THIRD EDITION

SONOGRAPHY

Introduction to
Normal Structure
and Function



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Introduction to Normal Structure and Function

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Gain a firm understanding of normal anatomy and physiology from a sonographic perspective!

SONOGRAPHY

Introduction to
Normal Structure and Function

THIRD EDITION

Learn normal sonographic anatomy and physiology with this highly visual text, and you'll be better able to recognize sonographic pathology. *Sonography: Introduction to Normal Structure and Function, 3rd Edition* shows normal anatomy as it appears during scanning, with **labeled drawings that point out the anatomy visible on the scans**. Over **1,200 illustrations** include superb images from state-of-the-art ultrasound equipment, **including 3D and 4D images**.

Prepare for the challenges you'll face in the clinical environment with these outstanding features:

- **Thorough coverage of the newest ultrasound techniques**, including:
 - Upper extremity vascular imaging
 - Neonatal hip and spine
 - 3D and 4D imaging
 - Female pelvis scanning
 - Thoracocentesis and paracentesis
 - Doppler techniques for fetal ductus venosus, aorta and MCA imaging
 - Quality control protocol
 - Scanning planes and sectional anatomy
 - Sterile technique
- **New chapters** that clearly show how the different body systems of the fetus develop, as well as providing the latest information on male reproductive scanning.
- **Physiology background** that allows you to correlate images with physiologic processes and know which images to capture for the diagnosis of pathology.
- **Sonographic appearance and applications sections** to help you obtain the correct images and understand why those images are so important.
- **A consistent emphasis on vasculature** that aids in the diagnosis of arterial disease.
- **Introduction to Specialty Sonography section** that discusses specialty areas such as neonatal brain, pediatric and adult echocardiography, and vascular technology.

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