Diagnostic Imaging

Lifespan offers a complete range of diagnostic and interventional procedures in general radiology and in subspecialty areas. The diagnostic imaging equipment reflects the latest technological developments and advances in imaging science.

Rhode Island Hospital and The Miriam Hospital are major teaching hospitals for Brown Medical School.

More information about services at:
- Rhode Island Hospital
- The Miriam Hospital
- Newport Hospital

Overview of Radiological Tests and Procedures:
- Computed Tomography (CT or "CAT" Scan) - general head and body imaging in addition to interventional procedures
  Rhode Island Hospital The Miriam Hospital
- General Radiology - routine and emergency fluoroscopic and diagnostic radiology for a range of disorders and diseases
  Rhode Island Hospital The Miriam Hospital
- Magnetic Resonance Imaging - Brain, spinal cord, cardiac, and head examinations (open and closed procedures)
  Rhode Island Hospital The Miriam Hospital Newport Hospital
- Mammography/Breast Imaging - a range of services for the diagnosis of breast disease, including digital mammography
  Rhode Island Hospital The Miriam Hospital Newport Hospital
- Nuclear Medicine - organ function studies with radiopharmaceuticals.
  Rhode Island Hospital The Miriam Hospital
- Pediatric Radiology - routine and urgent radiographic, fluoroscopic and ultrasound examination of pediatric patients
  Rhode Island Hospital
- Positron Emission Tomography (PET) - detecting specific cancers, heart disease and neurological disorders
  Rhode Island Hospital
- Ultrasound - diagnostic ultrasound examinations, including abdominal, ultrasound-guided biopsies and fluid aspirations
  Rhode Island Hospital The Miriam Hospital
- Vascular and Interventional Radiology - diagnoses and treats conditions such as vascular disease and bile duct stones
  Rhode Island Hospital The Miriam Hospital

Medical Education
Medical training and research is performed at the hospitals in cooperation with The Warren Alpert Medical School of Brown University and all radiologists on staff are also faculty members at Brown. More about residency and fellowship programs

Research
The faculty is actively engaged in advanced diagnostic imaging research and innovations in patient care. Visit our research site for more information about current projects the department is involved in.
Locations and Scheduling Information
Rheal Island Hospital/Hasbro Children's Hospital
385 Eddy Street
Providence, RI 02904
T: 401-444-7770
F: 401-444-7779

The Miriam Hospital
144 Summer Street
Providence, RI 02904
T: 401-444-7770
F: 401-444-7779

Diagnostic Imaging Center
197 Colt's Field Street
Providence, RI 02904
T: 401-444-7770
F: 401-444-7779

Newport Hospital
196 Thames Street
Newport, RI 02840
T: 401-845-1100
F: 401-845-0022

Providence Cardiography Center
60 Temple Avenue
Providence, RI
T: 401-444-1228
F: 401-444-0022

Valley Road Imaging Center
147 Valley Road
Middletown, RI
T: 401-845-1228
F: 401-845-0022

Medical Imaging

Rapid Results
In most cases, our diagnostic imaging staff reports test results to your physician the same day that imaging is done. This expedient, around-the-clock service provides timely medical and immediate follow-up for the patient and our staff. This service, previously available to in-patients, is now offered to all patients. Our methodology includes: • Magnetic resonance imaging (MRI) and traditional MRI for brain, spinal cord, and arthritic conditions. Open MRI is available in our Newport location. • Mammography and breast imaging: A range of options for the diagnostic evaluation of breast disease, including digital mammography. The Atrium Women's Center at the Breast Imaging of Rhode Island Hospital also offers the newest technology in breast imaging—encephalography, a new type of digital mammography that provides three-dimensional images. • Nuclear medicine: Studies to evaluate the function and metabolism of organs and tissues. • Ultrasound: Diagnostic examination, including abdominal, vascular, and gynecologic ultrasound. • Technetium, cardiac and cerebral, and other nuclear medicine scans, and other imaging studies.

Our Services
We want you to receive the best service possible. Our professionals, who are experienced at research and clinical settings, are committed to excellence. Diagnostic Imaging offers the following services:

- Computed tomography (CT) scans for general and body imaging, as well as additional procedures and procedures. Also available are CT angiography and CT angiography. Studies for the imaging of vascular disease.
- General radiology: Ultrasound, mammography, and computed tomography. Diagnostic radiology for a range of disorders and disease conditions.
- Magnetic resonance imaging (MRI) and traditional MRI for brain, spinal cord, and arthritic conditions. Open MRI is available in our Newport location.
- Mammography and breast imaging: A range of options for the diagnostic evaluation of breast disease, including digital mammography. The Atrium Women's Center at the Breast Imaging of Rhode Island Hospital also offers the newest technology in breast imaging—encephalography, a new type of digital mammography that provides three-dimensional images.
- Nuclear medicine: Studies to evaluate the function and metabolism of organs and tissues.
- Ultrasound: Diagnostic examination, including abdominal, vascular, and gynecologic ultrasound.
- Technetium, cardiac and cerebral, and other nuclear medicine scans, and other imaging studies.