# Associated Radiologists, P.A.

## Our Goal. . .

at Associated Radiologists is to provide the highest quality service in a friendly and caring environment. Our physicians have expertise in all aspects of imaging and are Board Certified from leading university programs. Our state-of-the-art equipment allows us to perform specialized imaging including Coronary CTA, Vascular Imaging, PET, 3T MRI, and Digital Mammography. We have multiple office locations in Central New Jersey. Appointments are available by calling **732-968 5160** Monday through Saturday with early morning and evening hours for certain modalities. We are here for you and look forward to serving your Imaging needs.

## Our Services

- CT
- PET
- X-Ray
- Ultrasound
- MRI
- Digital Mammography
- Fluoroscopy
- DEXA

## Our Locations

**Bridgewater**
201 Union Ave. Bldg. 2 Ste. G
908-725-1291

**Warren**
16 Mountain Blvd.
908-769-7200

**Edison**
3900 Park Ave. Ste. 107
732-548-6800

**Hillsborough***
375 Route 206 North
908-874-7600

*Hillsborough Radiology Associates is an outpatient imaging joint venture of Associated Radiologists, PA and Princeton Radiology Associates, PA

**www.aradnj.com**

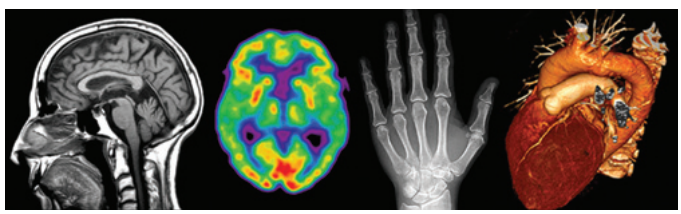
Associated Radiologists, P.A.

## Central Scheduling

**732-968-5160**

- Board Certified Radiologists
- State-of-the-Art Equipment
- Friendly and Helpful Service
- Extensive Insurance Participation
- Convenient Locations and Hours

*"Ask for Us by Name"*



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## MRI (Magnetic Resonance Imaging)

Magnetic Resonance Imaging (MRI) is a simple, safe, painless diagnostic procedure that uses magnetic fields to image hydrogen protons to produce anatomic pictures without the use of radiation.

We provide MRI at all of our imaging centers for patient convenience, with Open MRI at our Warren and Hillsborough centers for patients who are uncomfortable in enclosed spaces. **3T MRI** is available at our Bridgewater center for exams that require higher resolution scans.

### Breast MRI

The American Cancer Society is recommending Breast MRI exams in addition to mammograms for women with dense breast tissue, and for those considered to be at unusually high risk for breast cancer.

## PET (Positron Emission Tomography)

PET is a clinically proven imaging technique that assists in the diagnosis and management of many diseases, including cancer. PET scans significantly enhance the capability of physicians to diagnose cancer at earlier stages; it better defines the stage of a tumor, and helps identify the best treatment option. PET allows a physician to examine large areas of the body in a single scanning session, producing images of human body functions unobtainable by other imaging techniques.

## Digital Mammography

A mammogram is a breast X-ray. It is used as a screening procedure to detect breast cancer in women with no breast problems and as a diagnostic tool in women with symptoms, previous breast surgery, or previous abnormal mammograms. Digital mammography is better for imaging dense breast tissue.

## Ultrasound (Sonography)

Ultrasound is a simple, safe, painless diagnostic procedure that bounces high-frequency sound waves off parts of the body and captures the returning "echoes" as images. An **Obstetrical Ultrasound** exam looks at the uterus and ovaries, and at the fetus. There is no injection or radiation exposure associated with ultrasound.

## DEXA (Bone Densitometry)

**Osteoporosis** is a treatable cause of fractures, especially in post-menopausal women. Bone Densitometry testing determines if a patient has bone mineral loss. This extremely low-dose radiation technology provides an objective, quantifiable measurement of bone density and can be used to evaluate the results of osteoporosis treatment. It is safe, accurate, non-invasive and painless.

## CT (Computed Tomography)

CT is a rapid, painless diagnostic examination that combines X-rays and computers. A CT scan allows the radiologist to see the location, nature, and extent of many different diseases or abnormalities inside the body.

Multiple low-dose X-rays are taken in sequence by a rotating X-ray tube. The computer processes this information to form a sequential image that the radiologist will review and interpret.

### Coronary CT Angiography (CCTA)

Our **64 Slice LightSpeed CT** unit in our **Warren Imaging Center** provides non-invasive solutions to evaluate the heart and coronary arteries. We employ a fully integrated post-processing and analytic tool developed especially for cardiovascular CT applications. Prospective gating significantly reduces radiation exposure with the exam.

### Virtual Colonoscopy

3D Virtual Colonoscopy (CT Colonography) is the newest method of evaluating the large bowel (colon) to detect the presence of polyps and cancers. It has been shown to have over a 95% sensitivity and specificity for finding polyps one centimeter or greater in size.

The examination requires no intravenous contrast and is ideal for patients who have an incomplete optical colonoscopy due to technical factors. It can also be used for patients that are too high risk for a conventional colonoscopy.

### CT Enterography

CT Enterography is a new diagnostic tool in evaluating Small Bowel Disorders. CT Enterography, is highly sensitive and specific for **Crohn's Disease**, and it is increasingly being used to stage the small bowel.

## X-Ray & Fluoroscopy

- General X-Ray
- Barium Enema
- Colonic Motility Study
- Defogram
- Small Bowel Series
- Intravenous Pyelogram (IVP)
- Voiding Cystourethgram (VCUG)
- Hysterosalpingogram
- Esophogram (Barium Swallow)
- Upper GI Series

## Interventional Radiology

Interventional Radiology is a branch of medicine that diagnoses and treats disease using small needles, guide-wires, and catheters introduced through tiny skin incisions and guided by radiological imaging as an alternative to traditional surgery. This can result in reduced complication rates and shorter stays in the hospital. Our interventional radiologists perform these procedures at **Somerset Medical Center**.