The RAI Difference

Our renowned team of board-certified radiologists is dedicated to providing unsurpassed service to both patients and referring physicians. We provide prompt scheduling for patients and rapid turnaround time on reports to referring physicians.

Our facilities are conveniently located with ample parking and are handicap accessible. Realizing the anxiety that many patients feel, each staff member from every department goes out of their way to deliver care with compassion, kindness and understanding.

Subspecialty radiologists every day:

- Neuroradiology
- Musculoskeletal (MSK)
- Body
- Cardiac CTA
- Women’s Imaging
- Advanced training in MRI
- All physicians board certified by the American Board of Radiology

Hamilton Medical Arts
(a service of RAI & CHAI)
NEW extended MRI hours (both with and without contrast)
2501 Kuser Road
Hamilton, New Jersey 08691

Lawrence Executive Center
3120 Princeton Pike
Lawrenceville, NJ 08648

Phone: (609) 585-8800

We know you had a choice. Thank you for choosing us.

www.4rai.com

Making a Difference in Patients’ Lives for Over 40 Years.

Locations in Lawrenceville & Hamilton

(609) 585-8800 www.4rai.com
For more than 40 years Radiology Affiliates Imaging (RAI) has been providing the families of Mercer and Bucks County regions with the highest level of imaging technology. Our 40 board certified subspecialty radiologists are committed to providing exceptional imaging services and have been trained in areas of specialty radiology.

Technology & Compassionate Care...Close to Home.

Our premier full service imaging center offers:

- $49 Calcium Score
- 1.5T/3.0T MRI with Visual Therapy
- Ultrasound
- Digital Low Dose X-Ray
- 2D/3D Mammography (Tomosynthesis)
- Bone Densitometry (DEXA)
- Ultrasound guided thyroid and breast biopsy
- Open & Extremity MRI
- MSK Ultrasound
- CT Lung Screening

MRI OPTIONS
MRI (Magnetic Resonance Imaging) is a non-invasive, painless and radiation free imaging procedure that can diagnose a wide variety of diseases and conditions. RAI offers the following types of MRIs:

1.5T/3.0T MRI
Our Ultra High Field 1.5T and 3.0T (wide-bore) MRIs provide clearer, sharper images than ever before. They also allow us to provide faster exam times with more detailed information needed to make an accurate diagnosis. Until now you would have to travel to large cities to receive this latest technology.

Open MRI
For patients who experience claustrophobia, Open MRI units offer a very patient-friendly alternative to conventional “tunnel” style MRIs. Our Open MRI unit allows us to accommodate patients up to 550 lbs.

High Field Extremity MRI
High Field Extremity MRI is designed to provide highly detailed, accurate images of hands, wrists, elbows, feet, ankles, knees, fingers and toes. Our fully open MRI scanner allows the patient to sit comfortably outside the machine, eliminating feelings of claustrophobia. It is also quieter than standard MRI machines and helps lessen unintended movement. This MRI is also great for children.

CT & CT LUNG SCREENING
The CT (Computed Tomography) scan is a series of images taken by multiple x-rays quickly and then reconstructed by a computer into 3D images. The astonishing image detail of a Multi-slice CT scanner allows your radiologist to see from the surface of your skin down to the smallest vessels in the body. This more advanced CT will enable our radiologist to make the diagnosis of certain diseases faster, easier, and more accurate.

CT Lung Cancer Screening is a CT scan which evaluates your lungs for any signs of lung cancer. This screening tool is intended for individuals considered to be at high risk for developing lung cancer. The advanced CT scan provides a rapid examination of your lungs and is designed to detect small nodules (possible cancers) that may be present but not yet visible on a standard chest X-Ray.

If you are a current or former smoker aged 55-77 years old who has a smoking history of 30+ pack years (one pack per day for 30 years or two packs per day for 15 years)—you are a candidate for a lung cancer screening. If you have a 20+ pack year history (one pack per day for 20 years or two packs per day for 10 years) of smoking in addition to one or more of the following risk factors: COPD, Radon Exposure, Self or Family History of Cancer, Occupational Exposure to carcinogens (such as asbestos)—you are a candidate for a lung cancer screening. Insurance companies are now covering this screening exam. Please contact your insurance provider for more information.

PEDIATRIC PROGRAM - DIGITAL LOW DOSE X-RAY
The digital difference is higher quality and lower exposure. Primarily, digital imaging will increase your safety by increasing the speed of the procedure. This allows us to avoid unnecessary exposure, with no loss in diagnostic performance, a benefit of particular importance to our smallest patients. Also with digital imaging, patients will no longer have to deal with films and storage. Your medical history will be made available on a single disk, which can be sent electronically to your physician in an instant.

FULL FIELD DIGITAL MAMMOGRAPHY WITH COMPUTER AIDED DETECTION (CAD)
A mammogram is a low-dose x-ray of the breast. A radiologist uses the images to detect breast cancer, ideally as early as two years before a lump can be felt. Digital mammography has become the gold-standard for breast cancer screening and is one of the most recent advances for breast cancer detection. RAI supports the American College of Radiology (ACR) recommendation for a screening mammography every year for women, beginning at age 40.

3D MAMMOGRAPHY (TOMOSYNTHESIS)
In our continued effort to provide quality women's healthcare, we offer 3D Breast Tomosynthesis. Tomosynthesis is a game changer in breast cancer screening technology, detecting cancers earlier when they are more treatable. Radiologists can see breast tissue in a way never before possible. With 3D imaging, breast tissue is viewed in thin 1.1 millimeter slices. Fine details are more clearly visible, no longer hidden by overlapping tissues. This results in fewer false positives, fewer call backs, and reduced patient anxiety.

ULTRASOUND
Ultrasound (US) imaging is a painless, radiation-free procedure that uses high frequency sound waves instead of x-rays. Detailed images of internal structures are created from the sound waves onto a computer as a real time visual image. Precise images of soft tissue, such as the breast, uterus, abdomen, pelvis, and obstetric pictures reveal internal motion and blood flow. This helps your radiologist identify a wide range of conditions. Ultrasound is used in many ways, such as further assessing a finding on a mammogram or helping determine the proper development and gender of your baby.

MSK ultrasound provides images of the musculoskeletal system, including muscles, tendons, ligaments, joints and soft tissue throughout the body.