

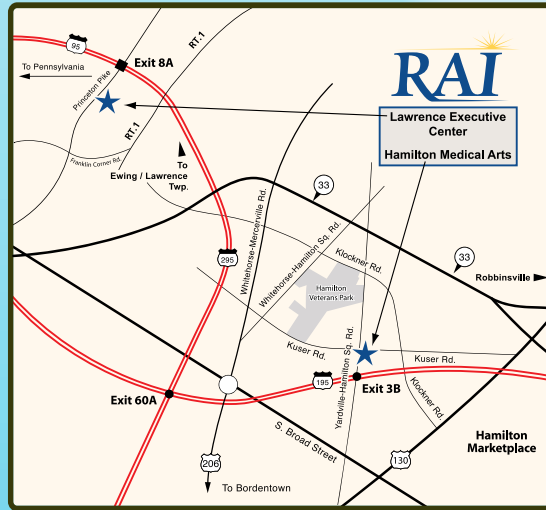


THE RAI DIFFERENCE

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.

- All physicians board certified by the American Board of Radiology
- State-of-the-art technology
- Over 40 years of dedicated service
- Subspecialty radiologists every day
- Prompt results to your doctor
- Convenient extended hours
- American College of Radiology accredited



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Phone: (609) 585-8800

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


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RAI RADIOLOGY
AFFILIATES
IMAGING

**40 Years of Expertise
with Subspecialty Focus.**



**ORTHOPEDIC &
SPORTS IMAGING**

*Advancing care
through better technology.*

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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.



MUSCULOSKLETAL (MSK) AND SPORTS INJURY IMAGING

Radiology is an essential part of the diagnosis and treatment of sports and exercise related injuries. At Radiology Affiliates Imaging, we offer the state of the art in comprehensive musculoskeletal imaging, so that you can get back into action.

Our array of top of the line MRI scanners — including a scanner devoted solely to the joints of the arms and the legs — provide superb evaluation of bones, joints, ligaments, tendons, nerves and muscles. Our use of ultrasound provides a real-time, hands on, and dynamic assessment of the musculoskeletal system in a comfortable setting.

Our radiologists understand sports and exercise related injuries and provide accurate diagnoses that are critical for your treatment and recovery. Whatever the need, patients receive the highest level of quality care and diagnostic expertise at RAI.

MUSCULOSKLETAL MRI

Magnetic resonance imaging (MRI) is a commonly used imaging technique performed in a strong magnetic field and utilizing radio waves to observe structures in the body. MRI provides high-resolution images of all musculoskeletal structures, such as bones, joints, muscles, tendons, ligaments, and nerves.

Musculoskeletal MRI is most often used to detect and diagnose the following:

- Joint damage and arthritis, including cartilage, bone, and ligaments (sprains and tears)
- Muscle and tendon damage, including strains, tears, and inflammation
- Bone injury and disease, such as fracture, stress response, infections, and tumor
- Spine and nerve disease
- Soft tissues tumors, infections, collections, and cysts
- Hernias

MRI OPTIONS

- 1.5T Open wide bore standard field strength
- Open non-tunnel low field strength
 - ▷ Accommodates patients up to 550 lbs.
- Extremity MRI (1.5 T and only joint enters machine)
 - ▷ Hands and fingers, wrists, elbows, knees, ankles, feet and toes.
 - ▷ Quiet
 - ▷ Helpful for children
- 3.0T High field strength (3.0 T)

MUSCULOSKLETAL ULTRASOUND

Ultrasound is a commonly used imaging technique that utilizes sound waves to observe structures in the body.

Evaluating the musculoskeletal system with ultrasound offers many advantages. Ultrasound provides high resolution and real-time imaging, with the ability to pinpoint the patient's symptoms. Structures can be imaged in motion or under stress with ultrasound, which may help identify a problem.

There is no radiation involved. The test is performed bedside, and is easily tolerated by those with claustrophobia. Many patients that may not be able to have an MRI due to safety reasons may benefit from an ultrasound.