# subspecialized radiologists. 00+



**Radiologists work hand-in-hand** with your physician to diagnose & treat disease.

1 in 4 American deaths result from heart disease. Calcium scoring determines your risk.



**CT lung cancer screenings** reduce lung cancer mortality rate by up to 20%.

# CharlotteRadiology

Visit CharlotteRadiology.com for more information on procedures, research, technology and more.

Charlotte Radiology is proud to offer cutting-edge screenings that can help identify disease before patients become symptomatic. These screenings are safe, painless and noninvasive, and they're available for a small out-of-pocket fee. Early diagnosis significantly improves outcomes. Knowledge is power! If you're at risk, please consider these life-saving screenings:

## CALCIUM SCORING.

Heart disease is the leading cause of death in both men and women in the United States, and it can remain completely asymptomatic for decades. Charlotte Radiology's 10-minute calcium scoring test can detect the amount of calcified plaque in the coronary arteries—and determine a patient's risk for a heart attack. Calcium scoring is recommended for those with risk factors for heart disease, like high cholesterol, high blood pressure, diabetes or family history of heart disease.

## **CT LUNG CANCER SCREENING.**

Lung cancer kills more Americans annually than prostate, breast and colorectal cancers combined, and it's rarely caught in early stages. Charlotte Radiology's CT lung cancer screening can detect cancer before it becomes symptomatic. It's recommended for patients 55+ with a history of heavy smoking (30 years one pack a day, 15 years two packs a day, etc.).

# **GENERAL IMAGING STUDIES**

CharlotteRadiology

## Your experts in imaging.

#### Take a closer look at charlotteradiology.com





### What is a radiologist?

Radiologists are physicians who specialize in diagnosing and treating diseases and injuries using medical imaging techniques, like X-rays, computed tomography (CT), magnetic resonance imaging (MRI), nuclear medicine, positron emission tomography (PET) and ultrasound. Radiologists work hand-in-hand with your physician, playing a pivotal role in reaching an accurate diagnosis.

### Why choose Charlotte Radiology?

Not all radiologists are created equal, and you owe it to yourself to take a closer look. Charlotte Radiology's 100+ radiologists have been handpicked to provide unparalleled patient care. All are subspecialized in one of the following areas of radiology: Diagnostic, Emergency, Body Imaging, Nuclear Medicine, Interventional, Neuroradiology, Musculoskeletal, Pediatrics and Mammography. Founded in 1967, Charlotte Radiology has become one of the largest and most progressive radiology groups in the country and has long been considered the area's imaging experts. With access to the latest diagnostic equipment available, we're trusted by numerous hospitals across the Carolinas, including Atrium Health.

#### **Diagnostic Services**

Charlotte Radiology offers a full range of diagnostic procedures and the following list of studies are analyzed and interpreted by our subspecialized radiologists:

#### ► X-RAY

X-ray is the oldest and most frequently used form of medical imaging. X-rays help physicians diagnose and treat medical conditions, such as a broken bone, or locate a foreign object.

#### **FLUOROSCOPY**

Fluoroscopy is a type of X-ray that captures moving images, allowing radiologists to observe the movements, functionality and anatomy of internal organs in real-time. Fluoroscopy is also used to quickly guide the radiologist when performing a procedure that involves placing a tube, catheter or other device internally.

#### ► CT

Computed Tomography (CT) is a special test that produces crosssectional images of the inside of the body using X-rays and a computer. The resulting images help radiologists diagnose numerous medical conditions.

#### MRI

Magnetic Resonance Imaging (MRI) produces images of the body's internal structures by passing radio waves through a powerful magnetic field. MRI is particularly good for imaging soft tissues in the body, like the brain, nerves, muscles and organs, as well as other areas of the body that aren't easily accessed by X-ray, ultrasound or CT.

#### ULTRASOUND

Ultrasound produces images of soft tissue and internal organs in the body through the use of sound waves. These sound waves reflect back and are displayed as real-time images on a computer screen. Ultrasound can detect diseased or damaged tissue, locate abnormal growths and identify a wide variety of conditions.

#### ORTHOPEDIC INJECTIONS

Orthopedic injections can be used as a contrast tool, sometimes in conjunction with MRI, CT or X-ray, to enhance visualization of structures in the evaluation of joints (arthrography). Orthopedic injections also can be used as a therapeutic tool to determine a source of pain and offer lasting relief, through minimally invasive procedures like nerve root blocks and facet injections.

#### NUCLEAR MEDICINE/PET SCANS

Nuclear medicine uses small amounts of radioactive material, or radiopharmaceuticals, to evaluate body anatomy and function. Nuclear medicine scans are used to diagnose and treat a variety of diseases, including heart disease, many types of cancers and other abnormalities within the body.



#### **Getting your results**

Results are shared with referring physicians, who will contact you to review them. For more details on these procedures, including registration information and procedure preparations, please visit our comprehensive website at CharlotteRadiology.com.

#### What is the cost?

Understanding insurance plans and determining healthcare costs can be quite confusing. But Charlotte Radiology simplifies this process for our patients. Our billing experts can help you estimate your out-of-pocket expenses based on your insurance coverage. They're available to assist you weekdays 8AM – 5PM at 704.442.4390.