

About Inland Imaging

Utilizing state-of-the-art technology and specialized clinical expertise, Inland Imaging provides critical medical imaging information used by physicians and their patients throughout the Northwest.

Choosing to have your exam done at Inland Imaging gives you access to our team of compassionate physicians and staff, where your unique needs and concerns are at the center of our care. We value the trust that you have placed in us and are pleased to answer any questions you may have at any time.

Scheduling

509.455.4455

Locations

Inland Imaging at Sacred Heart Doctors Building

105 West 8th Avenue, Suite 100C & 125C
Spokane, WA 99202

Inland Imaging at Holy Family

5715 North Lidgerwood
Spokane, WA 99207

Inland Imaging South Center

525 South Cowley
Spokane, WA 99202

Inland Imaging Valley Center

12420 East Mission
Spokane, WA 99216

Inland Imaging Deer Park

702 South Park Avenue, Suite B
Deer Park, WA 99006



CARDIAC IMAGING

*Calcium Scoring,
Coronary CT Angiography*

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Inland Imaging[®]
Trusted Medical Imaging

AN OVERVIEW OF CARDIAC IMAGING

More than 58 million Americans have been diagnosed with one or more forms of cardiovascular disease, making coronary artery disease (CAD) the number one cause of death in the United States. More Americans die each year of heart disease than all types of cancer combined.

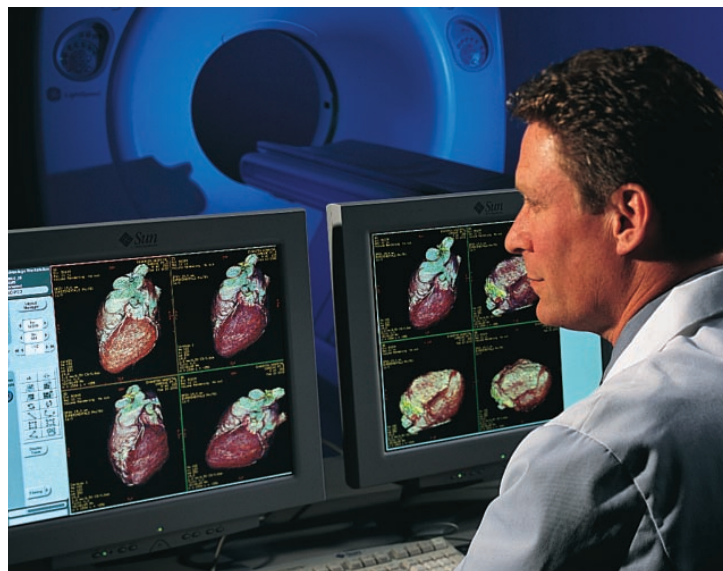
Coronary artery disease is most commonly a result of plaque deposits in the wall of the coronary arteries. The “waxy” build up causes a narrowing of the arteries and can eventually lead to heart attack or stroke. Until recently, there were no *non-invasive* studies that could directly evaluate coronary arteries for the presence of atherosclerotic disease.

Major advancements in multi-slice CT technology now capture detailed three-dimensional images of the beating heart with clarity and pinpoint accuracy. Coronary imaging has emerged as an excellent tool for evaluating cardiovascular health and better determining the risks associated with coronary artery disease.

At Inland Imaging, we offer two exams to study the coronary arteries – Calcium Scoring and Coronary CT Angiography (CCTA).

Calcium Scoring

A Calcium Scoring exam is a screening tool to evaluate coronary artery disease. The test quantifies the total load of calcified, or hardened plaque, in the coronary arteries. Results of the exam are based on measuring the volume and density of calcified plaque and then comparing that score to a large reference population matched to a patient’s age and sex.



The exam can be used as a valuable tool in conjunction with other clinical risk factors such as family history, cholesterol level, and lipid profile. Results from the test can help your healthcare provider determine a treatment plan for reversing coronary artery disease.

Who needs a Calcium Scoring Exam?

A Calcium Scoring Exam is a strong problem-solving tool for individuals considered to be at high risk for developing heart disease. *The risk factors for heart disease include:*

- Men 40 years or older, women 45 or older
- High cholesterol
- History of smoking
- High blood pressure
- Family history of heart disease
- High stress levels
- Sedentary lifestyle

If any categories apply to you, we encourage talking with your doctor about considering a Calcium Scoring exam.

Individuals not recommended for the procedure include those who have had previous cardiovascular treatment or surgery, including coronary stenting, coronary bypass surgery, pacemaker placement, or valve replacement.



CARDIAC IMAGING

What to Expect: Calcium Scoring

The scan itself generally takes ten minutes and does not involve any injections or medications. While you are lying on a table, fully-dressed, a trained technologist will place EKG (electro-cardiogram) leads on your chest. You will be asked to hold your breath for a brief period to better capture still pictures. A cardiovascular specialized radiologist from Inland Imaging will read the scan and send the results to your physician.

Coronary CT Angiography

Coronary CT Angiography (CCTA) is a powerful tool used to examine the small arteries that feed nutrients to the heart muscle. Through computed tomography (CT) technology, we are able to visualize blood flow in the coronary arteries with greater detail than more traditional studies.

Advanced computer software manipulates the data into three dimensional (3D) images with exceptional quality. CCTA is a non-invasive procedure to examine the walls of the coronary arteries and evaluate the presence of hard and soft plaque. Information from the procedure can help your healthcare provider determine your risk of a heart attack and develop a treatment plan.

Who needs a Coronary CT Angiogram?

If you experience symptoms such as chest pain, shortness of breath, or fatigue during heavy physical activity it is important to seek immediate medical attention.

If coronary disease is present following a cardiovascular screening test done by your doctor, a Coronary CT Angiogram may be ordered to help with preventive management and treatment of the disease. ***You may be recommended for the exam if you have:***

- An intermediate to high-risk profile with no typical coronary symptoms
- Chest pain, or inconclusive results from a stress test
- Unusual symptoms for CAD, but low to intermediate risk profiles
- Coronary artery anomalies

- The need for pre-surgical coronary risk evaluation
- CABG and stent patency
- Possible subclinical disease (e.g. abnormal lipid profile, chronic smoking or diabetes)

Before the CCTA Exam

Prior to a CCTA, avoid drinking or eating anything for four (4) hours before your exam. Do not consume anything containing caffeine or nicotine starting at midnight on the day of exam. One (1) hour preceding the exam, you will be given or prescribed 50 mg of a nitroglycerin spray in order to lower your heart rate. You will also take one (1) 0.4 mg tablet of sublingual nitroglycerin just prior to the exam.

What to Expect: CCTA

You will be given 80-120 cc of intravenous contrast prior to imaging. After the administration of the IV contrast, you will be imaged using a specialized CT technology that captures detailed images of your cardiovascular system. This exam will take approximately 5-8 minutes. You will be asked to breath slowly and to remain still. Following the CT exam, you should expect to wait an additional 15-30 minutes for observation.

The images from the test will be sent to a subspecialized coronary radiologist for review. Your physician will receive the results and determine appropriate treatment options for heart disease. This may include diet and lifestyle changes, medication and/or further testing.

Ask Your Doctor

Inland Imaging continuously invests in the latest and most advanced technology available to provide patients and their healthcare providers with high quality imaging services and diagnostics. Talk with your healthcare provider about whether or not coronary imaging is right for you.