

WHAT IS A CT SCAN?

CT stands for Computerized Tomography and can best be defined as computers taking pictures of sections or "slices" of your body. Your examination will produce detailed organ studies by stacking the individual "slices," creating a picture of your internal anatomy.



How Does a CT Work?

Computed Tomography is based on the x-ray principal: as x-rays pass through the body they are absorbed or weakened at different levels creating a matrix or profile of x-ray beams of different strength. This x-ray profile is registered on film, thus creating an image.

Questions About Your CT Procedure?

If you have any questions at all about your examination, do not hesitate to ask your technologist or doctor.

COMMON QUESTIONS

Will the CT exam hurt?

No, the CT examination itself causes no bodily sensation.

How Long Will the CT Examination Take?

The average examination usually takes from 10 to 30 minutes, depending on the type of study your physician has ordered.

Can I Move While I am in the CT Scanner?

You should not move during the CT scan; however, between scans you may move slightly or ask the technologist questions.

Do I Need an Injection of Contrast for my CT Exam?

A contrast injection is not required for every CT. When necessary, the referring physician will prescribe a pharmaceutical contrast agent made of iodine. Iodine contrast is used to make specific organs; blood vessels or tissue types "stand out" with more image contrast in the resulting picture. This highlights the structure of the specific organs or vessel to better show the presence of disease or injury.

Can I Have a CT Imaging Exam if I am Pregnant?

No, any woman who is pregnant, or may be pregnant should NOT have a CT exam or any x-ray examination. Pregnant women should always inform their imaging technologist, physician, or radiologist that they are pregnant, or if there is a chance they may be pregnant.

About Your CT Scan

After your CT scan has been completed, the technologist transfers your images from the CT computer to an imaging archival computer system and/or x-ray film.

A local board certified radiologist will interpret your study and a report will be sent to your physician.

WHY CHOOSE US?

Accredited by ACR (American College of Radiology)

On-site Radiologist(s)

Board Certified Sub-Specialized Radiologist(s)

Ability to consult with radiologist in person

Onsite Nurses (ACLS/PALS certified)

Compare to previous Exams

Largest Archive of Images in Tallahassee Area

Capability to burn CD's for patient(s) and physicians

Images available to physician's offices via internet

Hand delivered reports

Anesthesia

Extended hours

In-house transcription

Digital Dictation Line

Newly Renovated 22,000 sq ft. Facility



TDI is conveniently located one block north of Tallahassee Memorial Hospital on the corner of Centerville Road and Medical Drive.

CHECK YOUR HEALTH

CT Coronary Artery Calcium Scoring

A non-invasive and pain free test to detect areas of calcification or plaque in the coronary arteries.

Cardiac Scoring is recommended for:

- Age (Men 35-70, Women 40-70)
- Family history of heart disease
- History of high cholesterol or blood pressure
- History of smoking
- High stress levels
- Sedentary lifestyle
- Overweight
- Diabetes

CT Angiography is a quick, accurate, non-invasive, and cost-effective way to examine regional vascular anatomy. This procedure will require the administration of IV contrast material. Below are a few of the many conditions that radiologists are able to diagnose using CT Angiography:

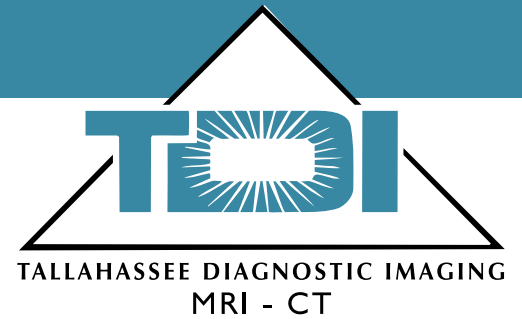
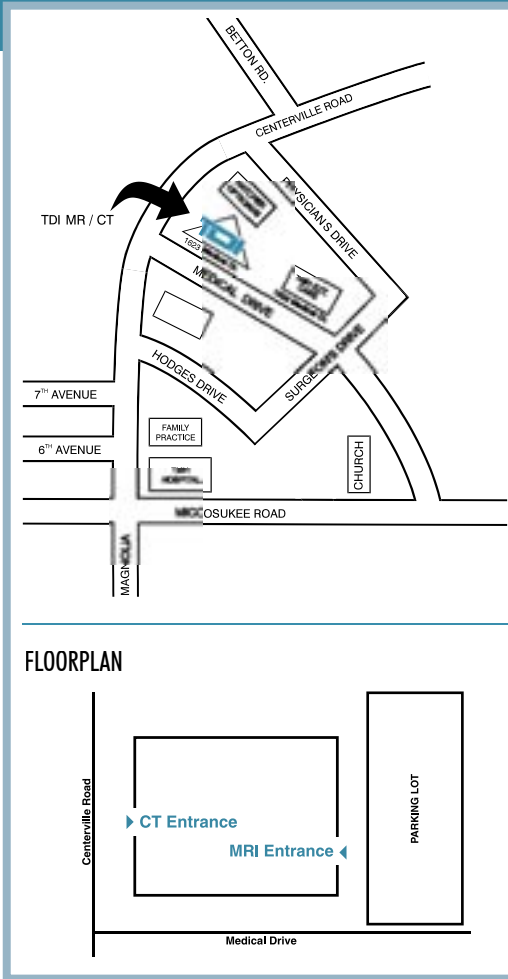
- Pulmonary Embolism
- Vascular Stenosis
- Dissection
- Post-surgical analysis of vascular stents and/or grafts
- Atherosclerosis
- Vasculitis
- Intraluminal Stents
- Aneurysm
- AV Malformation
- AV Fistula
- Deep Vein Thrombosis

CT Colonography

A CT Colonography screens for Colon Polyps and Cancer. This procedure uses computed tomography technology and virtual reality software to view inside the colon.

CT Colonography facts:

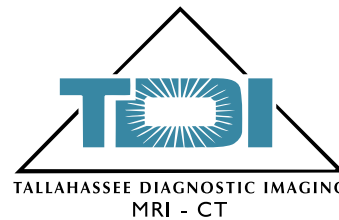
- Easily tolerated
- Does not require sedation
- Less invasive
- Safer than traditional colonoscopy



CT SCAN

COMPUTERIZED TOMOGRAPHY

Every Picture Tells a Story



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