

# 5

## Finding out the results

A board certified radiologist will review the CT scan and will report the results to your physician. Your physician will then discuss the results with you during a follow-up office visit.

### Your CT appointment:

Patient Name:

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Date/Time:

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Please arrive 30 minutes before your scheduled exam for registration purposes.

Imaging Center of Hartford Hospital  
 Department of Radiology  
 2nd Floor

Our technical staff includes state licensed radiology technologists who are certified in the advanced practice of CT scan by The American Registry of Radiologic Technologist (ARRT). Our clinical staff includes board certified radiologists who specializes in interpreting and reporting CT scans.

We offer daytime, evening and weekend appointments to accommodate your scheduling needs.

**If you have any questions about your scheduled procedure please call (860) 545-2507. We encourage anyone with special needs to call us.**

### CT exams:

- Abdomen
- Brain
- Chest
- Cardiac CT
- CT-Guided Biopsies and Drainages
- CT Radiation Therapy Treatment Planning
- Extremities
- Facial Bones
- Kidney Stone Study
- Neck
- Pelvis
- Sinus
- Spine
  - Cervical Spine
  - Thoracic Spine
  - Lumbosacral Spine

3D Advanced Image Analysis Services

### Notes & questions:

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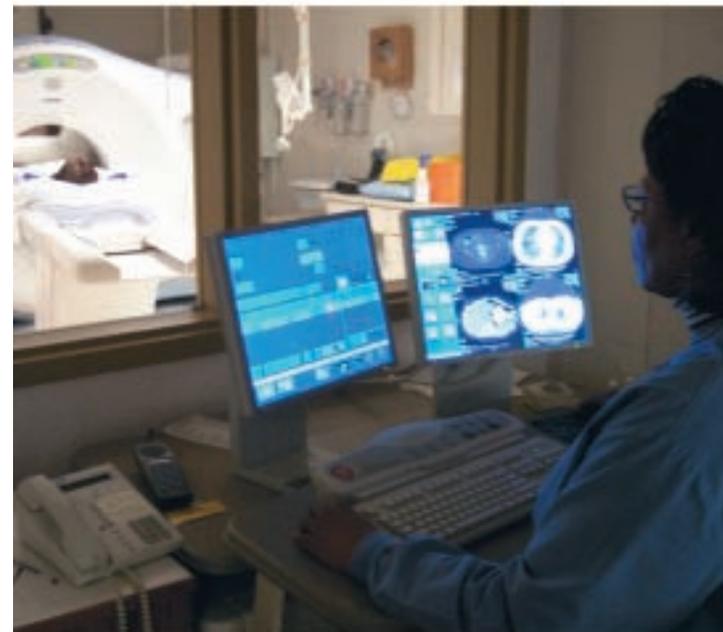


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 **IMAGING CENTER**  
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[www.harthosp.org/radiology](http://www.harthosp.org/radiology)

# Computed Tomography

A Patient's Guide



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 HARTFORD HOSPITAL

# 1

## What is a CT scan?

Computed Tomography (CT) scan is an imaging technique which uses X-ray beams and computers to form detailed, cross-sectional images of any part of the body.



CT scan is a valuable tool for detecting tumors, infections and blood vessel blockages.

While the CT unit is in operation, X-ray beams pass through the body. This process is recorded by computers and translated into images in varying shades of gray, which are displayed on computer monitors and reviewed by the radiologist.

## What is a Cardiac CT Scan?



A cardiac CT scan is a helical 64-slice volume computed tomography (VCT) used for evaluating coronary artery disease and a variety of other CT exams. This technology is complemented with the only 3D Advanced Imaging Lab Analysis available in the state.



# 2

## Preparing for a CT scan

Patients who require intravenous (IV) contrast will need laboratory work if any of the following apply:

- Over 65 years of age requires special blood laboratory testing drawn within 30 days of the appointment
- Diabetic
- Renal disease

Please do not eat or drink 2 hours prior to having a CT exam with IV contrast.

Most abdominal and pelvic CT exams require drinking a prepared oral contrast agent in the department before the scan.

Some exams require an intravenous injection or IV of a contrast agent, you may experience a warm flush sensation that may last about 30 seconds during the injection.

# 3

## What happens during a CT scan?

Our technologist will help position you on a comfortable, padded table. At times during the exam you will be asked to hold your breath and may feel the table moving slowly while the CT scanner records information. You may hear humming noises. Our technologist will be monitoring you during your exam.

Depending on the information needed, CT scans may range from 15 minutes to an hour and a half.

# 4

## Precautions and key information

We will review your medical history including allergies and any past imaging procedures with you. Our technologist will explain the exam and answer any questions you may have at this time.

- You may be asked to change into a gown before your examination to avoid possible interference from snaps or metal fasteners in clothing
- Please remove all jewelry
- Please utilize the rest room prior to entering the examination room

**Please let us know if you are pregnant or may be pregnant.**

**If you have any questions regarding the information above, please contact our department and speak with our technologist prior to your scheduled exam at (860) 545-2507.**