

Computed Tomography Angiography (CTA)
Cardiac Structure with IV Contrast
Pre-exam Information and Instructions

Thank you for choosing Yale New Haven Hospital

We are looking forward to providing you with exceptional care.

Yale New Haven Hospital Preparation for this Exam:

Before Arriving for Your Exam

- Please arrive **15 minutes** early to check in.
- Children accompanying patients during visits:
 - Unfortunately, we cannot routinely supervise your children during your imaging study. We believe that you are best served when we can provide 100% of our attention to you. Therefore, we encourage you to make childcare arrangements or to bring a responsible adult with you to supervise your children.
- Take all medications as directed by your doctor.
- There are no restrictions in your diet required prior to this test, but we advise avoiding a large meal prior to your appointment if possible.
- Your exam includes contrast. It will be given as an injection, through an IV that will be placed in your arm. The IV contrast improves the image quality by highlighting certain structures, such as arteries, and making them more visible on the scan.
- If you have a known allergy to contrast, please contact the ordering doctor to prescribe you medication to prepare you prior to your exam.
- Please leave your jewelry and valuables at home and wear comfortable clothing.
- Although we do not anticipate any delay in your scheduled appointment, we recommend that you bring a book, magazine or music player to help pass any time you may need to wait.

After Arriving

- A radiology nurse or technologist will ask you a few questions regarding your medical history.
- Please tell the technologist, radiology nurse and/or physician of any allergies you may have.

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During Your Exam

- While positioning you on the exam table, the technologist will explain your procedure and answer any questions you may have.
- When receiving the IV contrast, it may cause you to experience a warm sensation all over your body and a metal taste in your mouth. This is normal.
- If you experience any itching, sneezing, nasal congestion, scratchy throat or swelling of your face you should notify the technologist immediately.
- Most often, you will be asked to lie flat on your back with your arms over your head.
- The table you are on will slide into the scanner. The scanner is open at the back and the front, allowing you to see out. The technologist will always be able to see and hear you during your exam.
- You will be asked to hold still and may be asked to hold your breath. You will only be inside the machine for a few minutes.

Exam Duration

- Your scan will take approximately 15-30 minutes, with only a few minutes inside the actual machine.

After Your Procedure

- There are no restrictions placed on you after this procedure. You may eat and drive as normal.
- If you received an injection of contrast dye, you should drink plenty of liquid to help flush it out of your system
- Your exam will be interpreted by a Radiologist (a doctor who is an expert in understanding these exams). A report will be sent to your provider, who can review the results with you.

*For more general information on what to expect during your upcoming radiology exam.

Visit this link to **Computed Tomography (CT) – Angiography** at [**RadiologyInfo.org**](http://RadiologyInfo.org)

RadiologyInfo.org is the public information resource developed by health care professionals in collaboration with patients. It was established to inform and educate the public about how various x-ray, CT, MRI, ultrasound, radiation therapy and other procedures/exams are performed and what you may experience during your procedure.

RadiologyInfo.org is sponsored by the Radiological Society of North America (RSNA) and the American College of Radiology (ACR).

***Yale New Haven Hospital thanks you for
choosing us to be part of your healthcare team.***