

During the Study

- You will have contrast (x-ray dye) injected for this study. A needle will be placed in your left arm, around the inner elbow area.
- You will have a 3 lead ECG attached to monitor your heart rate.
- You may receive one squirt of nitroglycerine during your exam (under your tongue).

What is a Contrast?

This helps to provide clearer images. Some people experience warmth at the site of injection, flushing, overall warm feeling, unusual taste in the mouth, nausea and rash. These side effects usually last for a few moments. In a very small percentage of cases there may be severe anaphylactic and allergic reaction.

After the Study

The radiologist will evaluate your study and issue a report to you in 24 working hours.

- Be sure to eat and drink plenty of fluids after the study.

Limitations

Coronary CTA does have limitations. It is not able to image people with irregular heart rhythms. Very obese patients or those with heavily calcified arteries may also not benefit from this exam.

For Appointments contact Radiology Reception:
24447657 / 58 or Ext: 3157/ 3158

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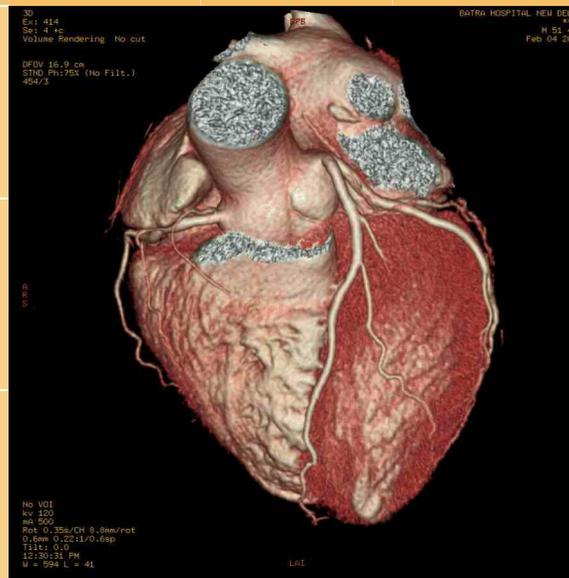
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CORONARY CT ANGIOGRAPHY



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CT angiography (CTA) is an imaging exam that uses X-rays to examine blood vessels in various parts of the body. A scanner is used to take images which are assembled into three-dimensional views of the blood vessels using state-of-the-art computer software.

Coronary CTA is used to evaluate coronary artery disease and evaluate a person's risk of heart attack. Since coronary CTA is able to detect small amounts of plaque that are missed by other exams, it can detect very early disease, before a patient has symptoms.

Coronary CTA is done on an OPD basis. i. e. the patient is not admitted for this procedure.

Following are some of the circumstances under which Coronary CTA may be used.

- Detection of sub-clinical heart disease as the basis for primary prevention
- Pre-surgical assessment of coronary arteries
- Evaluation of chest pain in patients with uncommon symptoms or unclear stress test results
- Evaluation of abnormalities of the coronary arteries.
- To check the openness of a stent or bypass graft



Special Instructions for CORONARY CT ANGIOGRAPHY:

Before the Study

- Should be fasting minimum 4 hours prior to scan appointment.
 - Food not allowed
 - Water allowed
- You may be given a medicine to bringdown the heart rate after evaluation.

Do's & Don'ts

- ✓ Continue all medicines you regularly take. Inform the type of medicines to the CT scan Doctor prior to the study.
- ✓ All male patients need to shave their chest.
- ✓ Carry all your prior medical reports on the day of scan.
- ✓ Preferably don't come alone-be accompanied by a family member.
- ✓ Please report 1 hour prior to the appointment time.
- ✗ Avoid coffee / any caffeinated drinks for 12 hours.
- ✗ Avoid aerated drinks including Pepsi / Coke - 2 days prior to appointment.
- ✗ Viagra like drugs should be strictly avoided 2 days prior to the study.
- ✗ Avoid any exercise with burden on heart and lungs 24 hours prior to the study.

