



CARDIAC MEDICATIONS AND PATIENT PREP FOR CTA

CONTRAINDICATIONS FOR CTA:

- ✚ Atrial Fibrillation
- ✚ Renal Insufficiency or Anaphylactic CT IV Contrast Allergy
- ✚ Cardiac Pacemaker
- ✚ Bigeminy, Trigeminy or High Grade Heart Block
- ✚ Beta Blocker or Nitroglycerine Trunk Obesity
- ✚ Females With Large Breasts

CORONARY ANGIOGRPAHY REQUIREMENTS:

- ✚ A Serum Creatinine must be drawn within 30 days of the appointment.
- ✚ A prescription for one 100mg Metoprolol must be given to the patient or called in to their pharmacy.
- ✚ There will be standing orders (PRN) for Nitrolingual Pumpspray 400mcg (this is one squirt and is given to ALL CTA patients unless we are requested to do the exam without it).
- ✚ IV Metoprolol may be given and the amount varies depending on the patient's heart rate. Some patients will not receive any, as they may be at target upon arrival (60BPM or lower) with just the 100mg Metoprolol.
- ✚ Please inform the patient of the above. It will also be reiterated by the Radiology Schedulers when the appointment is scheduled.

CPTS FOR CORONARY EXAM REQUESTS:

- ✚ Calcium Scoring: CPT 0144T
- ✚ CTA Cardiac: CPT 0149T and 0151T

PATIENT PREP:

- ✚ Please have the patient review the following document:
"What To Expect When Having A Coronary CTA"
- ✚ No Caffeine – 12 hours prior to exam.
- ✚ No Solid food – 4 hours prior to exam.
- ✚ No Smoking or Nicotine – 12 hours prior to exam.
- ✚ No Viagra, Levitra, or Cialis – 48 hours prior to exam.
- ✚ No medications containing Metformin – the day of the exam (must wait 48 hours after exam to resume).

The patient must ensure the following is done before/after the exam:

- ✚ Drink two 8oz glasses of water 1 hour prior to exam.
- ✚ Patient is to take the prescription for the Oral Beta Blocker (100mg Metoprolol Tartrate or Lopressor) 1 hour prior to the exam.

- ✚ The patient can continue to take all of their prescribed medications with the exception being ANY MEDICATIONS CONTAINING METFORMIN (i.e. Glucophage), as this medication must be held the day of the exam and 48 hours after IV contrast is given.
- ✚ The patient should have a Serum Creatinine lab drawn at approximately 48 hours post procedure and the results should be reviewed by the patient's Physician prior to the patient restarting these medications per the usual CT contrast protocol.