

10 Bed Beta-Blockade: Cardiac CT Angiography:

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1. CTA scheduled _____ at _____. Patient arrives on _____ at _____.
2. Patient preparation:
 - a. Diet: NPO until after CTA
 - b. Urine pregnancy test needed: Yes No
 - c. Creatinine (pre- CTA) : Yes No
if results Cr. > 1.5 or GFR < 60mL/min – call Physician
 - d. Initiate Telemetry
 - e. Start IV: 18 gauge or larger; antecubital or similarly large vein. Place 3-way high pressure stopcock at hub and heparin/saline lock. No extension tubing.
3. Medication administration
 - a. Metoprolol (oral): 1 -2 hours before CTA, if resting heart rate is ≥ 70 bpm, give 100 mg PO x1. If HR 60-69 bpm, give 50 mg PO x1 Do not give oral Metoprolol if HR < 60 bpm.
 - b. Metoprolol (IV): if 30 minutes prior to CTA, the resting heart rate remains above 64 bpm, then give IV Metoprolol administered in 5mg increments every 5-7 minutes until HR of <64 bpm is achieved or total dose of 25mg IV is reached.
 - c. Nitroglycerin: 0.4mg given sublingually within 3-10 min. prior to CTA. Not given if systolic b.p. is <100mmHg or if patient has had previous intolerance.

4. Vital signs are to be recorded:
 - a. upon arrival to prep area.
 - b. after oral metoprolol administration, every 15 minutes
 - c. after IV metoprolol administration, every 5 minutes

Post CTA :

5. Patient will return to 10-Bed. If metoprolol was given, patient will be observed with vital sign checks every 15 min. for minimum of 60 minutes following last oral dose of Metoprolol
- 6 Diet: resume regular diet, encourage fluids.
7. Discharge Instructions:

Physician Signature

Date & Time