SUBJECT: Protocol for CT Coronary Angiogram

I. The licensed independent practitioner (LIP) will write an order to initiate the protocol for the metoprolol algorithm for CT coronary angiogram (per Hospital Policy PC-PCI-05.53).

II. Patient Population served by Protocol Orders

A. Adult patients undergoing a CT Coronary Angiogram.
B. The registered nurse will take a set of baseline vital signs and refer to the protocol for the need for Metoprolol (Lopressor®) and dosage based on the current vital signs.

III. Details of Order (treatment/test/medication)

A. Administer Metoprolol Orally (Lopressor®), dosage based on vital signs (see V. below).

IV. Frequency of Timing of Order

A. Medication to be administered once, one hour prior to CT.

V. Clinical Assessment that Triggers Order

A. If Heart Rate > 70 BPM and Systolic Blood Pressure > 110 mm Hg, give metoprolol 50 mg PO x 1
B. If Heart Rate > 70 BPM and Systolic Blood Pressure 90 to 110 mm Hg, give metoprolol 25 mg PO x 1
C. If Heart Rate 60 to 70 BPM and Systolic Blood Pressure > 90 mm Hg, give metoprolol 25 mg PO x 1
D. Hold metoprolol if HR < 60 BPM and/or SBP < 90 mm Hg

VI. References


I. Approved by:

Dr. Brian Mullan MD       Date