

**CARDIAC CATHETERIZATION AND
PERCUTANEOUS CORONARY INTERVENTION
PRE-PROCEDURE**

1. Please Obtain Permits for EITHER: Please obtain old films
 Cardiac Cath Only: Cardiac Catheterization and Angiography, Coronary Angiographies and other angiographies as may be necessary
 Cath/Possible PCI: Pulmonary Artery Catheter Insertion, Arterial Line Insertion, Temporary Pacemaker, Intra-Aortic Balloon Pump Insertion and Coronary Artery Bypass Surgery, Blood Transfusion as may be necessary. Dr. _____ (Cardiac Surgeon) for standby
2. Obtain Height and Weight within 24 Hours of procedure – **do not use stated weight**
3. **VITAL SIGNS:** Blood pressure, pulse, respiratory rate, temperature prior to procedure
4. **PREP:** Prior to procedure clip and prep groin arm wrist
 Shower or bath the night before or the morning of the procedure
 Have patient void on call to catheterization lab
 Foley if deemed necessary by RN
5. **NPO:** For **A.M.** procedure: NPO after midnight. For **P.M.** procedure: NPO after Clear Liquid breakfast.
6. Start IV in the arm opposite the procedure site or in the left arm if possible:
 - **Cardiac Cath:** Start IV with # 18 intracath with fluids per hydration protocol
 - **Cath/Possible PCI:** Start 1 IV site.
 - #1 – 18 g with fluids per hydration protocol
7. **LABS:** Assure results are on the chart
 - CBC, BMP, PT and PTT within 7 days of procedure
 - Urine HcG for women of childbearing age < 60, unless prior hysterectomy.**
 - Blood HcG if dialysis or renal failure patient**
8. **EKG:** If not done within last 7 days; if done in past 7 days, please place copy on chart
9. For any **Chest Pain:** Do STAT EKG, Nitroglycerin 0.4 mg sublingual EVERY 5 min up to 3 doses, maintain SBP greater than 100 mmHg **call cardiologist**
10. **MEDS:** Continue all oral medications despite NPO order. Glucometer prior to procedure if patient diabetic
 - Stop Metformin or Metformin containing medications day of procedure and for 48 Hours
 - Diazepam (VALIUM) 5 mg PO for sedation PRN x 1 dose
 - Diphenhydramine (BENADRYL) 50 mg PO for sedation PRN x 1 dose
 - Midazolam (Versed) 1 mg IVP over 2 minutes PRN for anxiety x 1 dose
 - Aspirin 81 mg PO on arrival, **HOLD if patient has taken at home**
 - Aspirin 325 mg PO on arrival, **HOLD if patient has taken at home**
 - Clopidogrel (PLAVIX) 300 mg PO x 1 dose if not already received
 - Clopidogrel (PLAVIX) 75 mg PO day of intervention
 - Prasugrel (Effient) 60 mg PO loading dose if not already taking
 - Prasugrel (Effient) 10 mg PO day of intervention
 - Ticagrelor (Brilinta) 180 mg PO loading dose if not already taking
 - Ticagrelor (Brilinta) 90 mg PO day of intervention
11. **Notify Physician if patient has a history of contrast allergy.**
 - Pre-medications for contrast allergy / or possible contrast allergy:
 - Methylprednisolone (SOLUMEDROL) 125 mg IVP evening before and morning of procedure for allergy to contrast
 - Famotidine (PEPCID) 20 mg IVP morning of procedure for allergy to contrast
 - Diphenhydramine (BENADRYL) 50 mg IVP morning of procedure for allergy to contrast
12. For Radial or Brachial Approach only:
 - Remove all jewelry from upper extremities; apply Identification & Allergy bands on opposite wrist
 - Perform and document Allen's Test. **Notify physician if greater than 6 secs**
13. Hold AM dose of diuretics

Physician Signature
Page 1 of 2
Revised 05/2018

Date (required)

Time (required)



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DR.

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14. Hydration Protocol:

- **If GFR less than 30 mL / min**
 - Contact Physician
 - Consult Nephrology Dr. _____

- **If GFR 30 – 59 mL / min**
 - 0.9% NS infusion at 1 mL/kg/hr for 3 hours prior to the procedure and 4 hours after the procedure.

- **If GFR 60 or greater –**
 - 0.9% NS at 100 mL/hr for 5 hours prior to procedure then 50 ml per hour for 4 hours after the procedure.

- **If patient has a history of CHF – decrease IV rate to KVO**
- **If hemodialysis patient, decrease IV rate to KVO, notify Nephrologist of patient's admission**

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Page 2 of 2
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