

PROTOCOL FOR: Cardiovascular Monitoring in the Periprocedure Phase

- POLICY:**
1. All patients with a positive cardiopulmonary history or who are being monitored as inpatients will have cardiac monitoring prior to procedures. Other patients may be monitored as condition warrants.
 2. All patients receiving conscious/moderate sedation will be monitored per HAM 08-013. All other patients will be monitored for pulse, BP, and pulse oximetry q15m during procedures, or more frequently as condition warrants.
 3. All patients who have received conscious/moderate sedation or required monitoring pre-procedure will have cardiac monitoring post-procedure. Other patients may be monitored as condition warrants.

DESIRED PATIENT

- OUTCOME:**
1. The patient has tissue or wound perfusion consistent with or improved from baseline levels established preoperatively, as evidenced by:
 - blood pressure \pm 20% preprocedure baseline levels, or as prescribed by physician
 - pulse strong and regular
 - absence of new dysrhythmias
 - absence of vertigo or orthostatic changes
 - skin not moist
 - hemoglobin level within range prescribed by physician, if drawn
 - return to baseline orientation to person and place
 2. The patient will receive appropriate prescribed medications, administered safely.

**CLINICAL
ASSESSMENT
AND CARE:**

1. Obtain and document baseline pulse and BP for all patients. Document pulse location and strength, as appropriate.
2. Assess and document pulse, BP, and pulse oximetry q 15 minutes and prn intra- and post-procedure
3. Perform non-invasive and invasive monitoring (ECG, arterial BP, CVP, PA, PCW) as appropriate.
4. Consider contributory factors
 - assess intake and output, note quality of urine
 - monitor laboratory data
 - observe for signs of bleeding
5. Provide interventions for causative factors
 - administer IV fluids/blood components as indicated

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- administer vasoactive agents as ordered
- position patient as appropriate
- maintain patency of IV lines

6. Report any of the following conditions:

- blood pressure > +20% preprocedure baseline, or outside prescribed parameters
- signs or symptoms of significant bleeding
- new dysrhythmias
- vertigo or orthostatic changes
- unexplained disorientation to person and place
- inadequate urine output
- abnormal lab values

APPROVAL: Nursing Standards Committee

EFFECTIVE DATE: 10/03