Pre-Anesthesia Testing Protocol [30400009]

Height _________
Weight _________
Allergies ________________________________________________________________

Determine the system disorder / medical problem and time range of most recent lab results to determine the appropriate lab to order.

Inpatient Pre-op Orders: Used to have tests done pre-operatively the day of surgery

Cardiac/Vascular

[ ] Diuretics, ARBs, ACE Inhibitors, Renin inhibitors, Digoxin for any reason - Results must be within last 1 month
  [ ] Basic metabolic panel Once, Starting today For 1 Occurrences, Pre-op
  [ ] Other anti-hypertensive medications - Result must be within previous 6 months
  [ ] Basic metabolic panel Once, Starting today, Pre-op
  [ ] Documented/stated history of cardiovascular disease (examples- stroke, CAD, PVD, CABG) - Results must be within last 6 months
    [ ] Basic metabolic panel Once, Starting today, Pre-op
    [ ] Hematocrit Once, Starting today, Pre-op
  [ ] Symptom of chest pain, dyspnea, orthopnea, within past 30 days - Results must be within last 1 week
    [ ] Basic metabolic panel Once, Starting today, Pre-op
    [ ] Hematocrit Once, Starting today, Pre-op
  [ ] Other

Renal Disease

[ ] Dialysis Patients - BMP or Potassium within 12 hours of surgery or post-dialysis
  [ ] Basic metabolic panel Once, Starting today, Pre-op
  [ ] Hematocrit Once, Starting today, Pre-op
  [ ] Documented/stated renal disease, renal insufficiency - Results must be within last 1 month
    [ ] Basic metabolic panel Once, Starting today, Pre-op
    [ ] Hematocrit Once, Starting today, Pre-op
  [ ] Other

Liver Disease

[ ] Documented/Stated history or chronic hepatitis - Results must be within the last 1 year
  [ ] Comprehensive metabolic panel Once, Starting today, Pre-op
  [ ] CBC and differential Once, Starting today, Pre-op
  [ ] Protime-INR Once, Starting today, Pre-op
[ ] Documented/Stated history or cirrhosis, jaundice, or chronic alcohol abuse - Results must be within the last 1 month
  [ ] CBC and differential Once, Starting today, Pre-op
  [ ] Comprehensive metabolic panel Once, Starting today, Pre-op
  [ ] Protime-INR Once, Starting today, Pre-op
### Hematologic, Oncologic, and Bleeding Disorders

**Documented/Stated history of anemia, thrombocytopenia, known bone marrow abnormality, or recent bleeding episode - Results must be within the last 1 month**

- CBC and differential: Once, Starting today, Pre-op
- Protime-INR: Once, Starting today, Pre-op
- Activated partial thromboplastin time: Once, Starting today, Pre-op

**Documented/Stated history of leukemia, lymphoma, or chemotherapy in the past 1 year - Results must be within the last 1 month**

- CBC and differential: Once, Starting today, Pre-op

**Anticoagulant Therapy - HCT results must be within the last 1 month - PT/PTT results must be within the last 12 hours**

- Hematocrit: Once, Starting today, Pre-op
- Protime-INR: Once, Starting today, Pre-op
- Activated partial thromboplastin time: Once, Starting today, Pre-op

### Endocrine

**Diabetes, chronic corticosteroid use, history of hypoadrenalism or hypopituitarism - Results must be within the last 1 month**

- Basic metabolic panel: Once, Starting today, Pre-op
- POCT glucose: Routine, Once, Starting today, Pre-op

### Fertility

**Menarche through menopause unless surgically sterile - results must be within 24 hours**

- Pregnancy, urine: Once, Starting today, Pre-op
ECG (Single Response)
**Cardiac Risk Stratification for Non-cardiac Surgery:
Risk Stratification:  
Examples:  
Vascular (cardiac risk >5%)............Aortic & major vascular surgery  
Peripheral vascular surgery  
(Excludes endovascular AAA repair and carotid TEA)
Intermediate (cardiac risk 1-5%)....Carotid TEA  
Endovascular AAA procedures  
Head and Neck Surgery  
Orthopedic surgery  
Prostate surgery  
Intrathoracic surgery
Low (Risk less than 1%)...............Endoscopic surgery  
Superficial procedures  
Cataract Surgery  
Breast Surgery  
Ambulatory Surgery

*Clinical Risk Factors:
1. History of ischemic heart disease  
2. History of prior or compensated congestive heart failure  
3. History of cerebrovascular accident or transient ischemic attack  
4. Diabetes mellitus requiring insulin usage  
5. Creatinine greater than 2.0 mg/dL

( ) Patient has new onset of or change in symptoms of chest pain/pressure, dyspnea, orthopnea, palpitations, tachycardia or bradycardia within previous 30 days
[ ] ECG 12 lead Routine, Once, Starting today  
**REQUIRED: Reason for Exam (Signs & Symptoms):  

( ) The patient is undergoing a cardiac surgical procedure (ECG within 2 weeks)
[ ] ECG 12 lead Routine, Once, Starting today  
**REQUIRED: Reason for Exam (Signs & Symptoms):  

( ) The patient is undergoing a vascular surgical procedure (ECG within 1 month)
[ ] ECG 12 lead Routine, Once, Starting today  
**REQUIRED: Reason for Exam (Signs & Symptoms):  

( ) Patient has 1+ clinical risk factor and/or peripheral vascular disease and is undergoing an intermediate risk surgical risk factor(ECG within 1 month)
[ ] ECG 12 lead Routine, Once, Starting today  
**REQUIRED: Reason for Exam (Signs & Symptoms):  

( ) Other
**Organ transplant recipients - results must be within the last 1 month**

- [ ] Comprehensive metabolic panel
- [ ] CBC and differential
- [ ] Protime-INR
- [ ] Activated partial thromboplastin time

**Expected intraoperative blood loss greater than 500 mL (click to see list of procedures) - Results must be within last 1 month**

- [ ] Hematocrit

**Patients undergoing cataract surgery in baseline medical condition - Fingerstick glucose on day of surgery for diabetic patients only per policy**

- [ ] POCT glucose

**Other**

**IV Fluids**

- [ ] Saline Flush and Lock Panel
  - Sodium chloride 0.9 % syringe
  - Saline lock IV
  - Lactated ringers infusion unless renal failure, then use sodium chloride
  - Sodium chloride 0.9% (NS) infusion

**Other**

**Ambulatory PAT Orders: Used to have tests done prior to day of surgery**

**Cardiac/Vascular**

- [ ] Diuretics, ARBs, ACE Inhibitors, Renin inhibitors, Digoxin for any reason - Results must be within last 1 month
- [ ] Other anti-hypertensive medications - Result must be within previous 6 months
- [ ] Documented/stated history of cardiovascular disease (examples- stroke, CAD, PVD, CABG) - Results must be within last 6 months
- [ ] Basic metabolic panel
- [ ] Basic metabolic plus panel
  - Hematocrit

**Other**
### Renal Disease

- **Dialysis Patients - BMP or Potassium within 12 hours of surgery or post-dialysis**
  - [ ] Basic metabolic panel: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Hematocrit: Routine, Lab Collect, Pre-Admit Testing

- **Documented/stated renal disease, renal insufficiency**
  - Results must be within last 1 month
  - [ ] Basic metabolic panel: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Hematocrit: Routine, Lab Collect, Pre-Admit Testing

### Other

### Liver Disease

- **Documented/Stated history or chronic hepatitis**
  - Results must be within the last 1 year
  - [ ] Comprehensive metabolic panel: Routine, Lab Collect, Pre-Admit Testing
  - [ ] CBC and differential: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Protime-INR: Routine, Lab Collect, Pre-Admit Testing

- **Documented/Stated history or cirrhosis, jaundice, or chronic alcohol abuse**
  - Results must be within the last 1 month
  - [ ] CBC and differential: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Comprehensive metabolic panel: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Protime-INR: Routine, Lab Collect, Pre-Admit Testing

### Hematologic, Oncologic, and Bleeding Disorders

- **Documented/Stated history of anemia**
  - Thrombocytopenia, known bone marrow abnormality, or recent bleeding episode
  - Results must be within the last 1 month
  - [ ] CBC and differential: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Protime-INR: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Activated partial thromboplastin time: Routine, Lab Collect, Pre-Admit Testing

- **Documented/Stated history of leukemia, lymphoma, or chemotherapy in the past 1 year**
  - Results must be within the last 1 month
  - [ ] CBC and differential: Routine, Lab Collect, Pre-Admit Testing

- **Anticoagulant Therapy**
  - HCT results must be within the last 1 month
  - PT/PTT results must be within the last 12 hours
  - [ ] Hematocrit: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Protime-INR: Routine, Lab Collect, Pre-Admit Testing
  - [ ] Activated partial thromboplastin time: Routine, Lab Collect, Pre-Admit Testing

### Other

### Endocrine

- **Diabetes, chronic corticosteroid use, history of hypoadrenalism or hypopituitarism**
  - Results must be within the last 1 month
  - [ ] Basic metabolic panel: Routine, Lab Collect, Pre-Admit Testing
  - [ ] POCT glucose: Routine, Pre-Admit Testing
Menarche through menopause unless surgically sterile - results must be within 24 hours

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[ ] POCT pregnancy, urine Routine, Pre-Admit Testing
[ ] Pregnancy, urine Routine, Clinic Collect, Expires: 6/3/15, Pre-Admit Testing

ECG (Single Response)

**Cardiac Risk Stratification for Non-cardiac Surgery:**
- **Risk Stratification:**
  - Vascular (cardiac risk >5%) - Aortic & major vascular surgery
  - Peripheral vascular surgery
  - (Excludes endovascular AAA repair and carotid TEA)
  - Intermediate (cardiac risk 1-5%) - Carotid TEA
    - Endovascular AAA procedures
    - Head and Neck Surgery
    - Orthopedic surgery
    - Prostate surgery
    - Intrathoracic surgery
  - Low (Risk less than 1%) - Endoscopic surgery
    - Superficial procedures
    - Cataract Surgery
    - Breast Surgery
    - Ambulatory Surgery

*Clinical Risk Factors:*
1. History of ischemic heart disease
2. History of prior or compensated congestive heart failure
3. History of cerebrovascular accident or transient ischemic attack
4. Diabetes mellitus requiring insulin usage
5. Creatinine greater than 2.0 mg/dL

- Patient has new onset of or change in symptoms of chest pain/pressure, dyspnea, orthopnea, palpitations, tachycardia or bradycardia within previous 30 days (ECG within 1 week)
  - ECG 12 lead Routine, Ancillary Performed, **REQUIRED:** Reason for Exam (Signs & Symptoms):
  - Pre-Admit Testing

- The patient is undergoing a cardiac surgical procedure (ECG within 2 weeks)
  - ECG 12 lead Routine, Ancillary Performed, **REQUIRED:** Reason for Exam (Signs & Symptoms):
  - Pre-Admit Testing

Provider Initials ____
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Revision J
<table>
<thead>
<tr>
<th>Procedure Description</th>
<th>Required Tests</th>
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Date: _______ Time: _______  Printed Name of Ordering Provider: ________________________________

Date: _______ Time: _______  RN Acknowledged: ________________________________________________