Venous Thromboembolism Risk Factor Assessment

Patient’s Name:_________________ Age: ___ Sex: ___ Wgt:___lbs

Choose All That Apply

Each Risk Factor Represents 1 Point

- Age 41-60 years
- Minor surgery planned
- History of prior major surgery
- Varicose veins
- History of inflammatory bowel disease
- Swollen legs (current)
- Obesity (BMI >30)
- Acute myocardial infarction (< 1 month)
- Congestive heart failure (< 1 month)
- Sepsis (< 1 month)
- Serious lung disease incl. pneumonia (< 1 month)
- Abnormal pulmonary function (COPD)
- Medical patient currently at bed rest
- Leg plaster cast or brace
- Other risk factors_____________________

Each Risk Factor Represents 2 Points

- Age 60-74 years
- Major surgery (> 60 minutes)
- Arthroscopic surgery (> 60 minutes)
- Laparoscopic surgery (> 60 minutes)
- Previous malignancy
- Central venous access
- Morbid obesity (BMI >40)

Each Risk Factor Represents 5 Points

- Elective major lower extremity arthroplasty
- Hip, pelvis or leg fracture (< 1 month)
- Stroke (< 1 month)
- Multiple trauma (< 1 month)
- Acute spinal cord injury (paralysis)(< 1 month)
- Major surgery lasting over 3 hours

For Women Only (Each Represents 1 Point)

- Oral contraceptives or hormone replacement therapy
- Pregnancy or postpartum (<1 month)
- History of unexplained stillborn infant, recurrent spontaneous abortion (≥ 3), premature birth with toxemia or growth-restricted infant

Total Risk Factor Score

Please see Following Page for Prophylaxis Safety Considerations

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# VTE Risk and Suggested Prophylaxis For Surgical Patients

<table>
<thead>
<tr>
<th>Total Risk Factor Score</th>
<th>Incidence of DVT</th>
<th>Risk Level</th>
<th>Prophylaxis Regimen</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>&lt;10%</td>
<td>Low Risk</td>
<td>No specific measures; early ambulation</td>
</tr>
<tr>
<td>2</td>
<td>10-20%</td>
<td>Moderate Risk</td>
<td>ES, IPC, LDUH (5000U BID), or LMWH (&lt;3400 U)</td>
</tr>
<tr>
<td>3-4</td>
<td>20-40%</td>
<td>High Risk</td>
<td>IPC, LDUH (5000U TID), or LMWH (&gt;3400U)</td>
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<tr>
<td>5 or more</td>
<td>40-80% or 1-5% mortality</td>
<td>Highest Risk</td>
<td>Pharmacological: LDUH, LMWH (&gt;3400 U)<em>, Warfarin</em>, or FXa I* alone or in combination with ES or IPC</td>
</tr>
</tbody>
</table>

Legend:
- **ES** - Elastic Stockings
- **IPC** - Intermittent Pneumatic Compression
- **LDUH** - Low Dose Unfractionated Heparin
- **LMWH** - Low Molecular Weight Heparin
- **FXa I** - Factor X Inhibitor

*Use for major orthopedic surgery

## Prophylaxis Safety Considerations:
Check box if answer is ‘YES’

**Anticoagulants: Factors Associated with Increased Bleeding**

- Is patient experiencing any active bleeding?
- Does patient have (or has had history of) heparin-induced thrombocytopenia?
- Is patient’s platelet count <100,000/mm$^3$?
- Is patient taking oral anticoagulants, platelet inhibitors (e.g., NSAIDS, Clopidogrel, Salicylates)?
- Is patient’s creatinine clearance abnormal? If yes, please indicate value ___________

If any of the above boxes are checked, the patient may not be a candidate for anticoagulant therapy and you should consider alternative prophylactic measures: elastic stockings and/or IPC

**Intermittent Pneumatic Compression (IPC)**

- Does patient have severe peripheral arterial disease?
- Does patient have congestive heart failure?
- Does patient have an acute superficial/deep vein thrombosis?

If any of the above boxes are checked, then patient may not be a candidate for intermittent compression therapy and you should consider alternative prophylactic measures.

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Examiner ____________________________ Date __________________________