**Hernia Clinical Classification Scale**

**HERNIA TYPE**

<table>
<thead>
<tr>
<th>Inguinal</th>
</tr>
</thead>
</table>

**MESH TYPE**

<table>
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<tr>
<th>Permanent Synthetic</th>
<th>Resorbable Synthetic (Biosynthetic)</th>
<th>Biologic</th>
</tr>
</thead>
</table>

**VENTRAL HERNIA WORKING GROUP (VHWG)**

<table>
<thead>
<tr>
<th>Grade 1</th>
<th>Grade 2</th>
<th>Grade 3</th>
<th>Grade 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choice of repair material by surgeon and patient factors</td>
<td>Increased risk of SSO suggest additive risk for permanent synthetic repair material and potential advantage for appropriate biologic reinforcement</td>
<td>Permanent synthetic material generally not recommended; potential advantage to biologic repair material</td>
<td>Permanent synthetic material generally not recommended &amp; biologic repair material should be considered</td>
</tr>
</tbody>
</table>

**RISK LEVEL & CHARACTERISTICS**

- **LOW RISK**
  - Low risk for complications
  - No history of wound infection

- **CO-MORBID**
  - Smoker
  - Obese
  - Diabetic
  - Immunosuppressed
  - COPD

- **POTENTIALLY CONTAMINATED**
  - Previous wound infection
  - Stoma present
  - Violation of the gastrointestinal tract

- **INFECTED**
  - Infected mesh
  - Septic dehiscence

**MODIFIED VHWG**

<table>
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**CHARACTERISTICS & SSO INCIDENCE**

- **LOW RISK**
  - Low risk for complications
  - No history of wound infection
  - SSO = 14%

- **CO-MORBID**
  - Smoker
  - Obese
  - Diabetic
  - History of wound infection
  - COPD
  - SSO = 27%

- **CONTAMINATED**
  - A. Clean-Contaminated
  - B. Contaminated
  - C. Dirty
  - SSO = 46%

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