**Inpatient Protocol for Transition from I.V. to Basal/Bolus S.Q. Insulin**

**GOALS: NPO or PO**
- FPG 100-130 mg/dL
- 2h pp <180 mg/dL

1. Calculate New Total Daily Dose when glucose has been the most stable <180 mg/dL for 4 hours
2. New Total Daily Dose (TDD) Insulin = Total units of IV insulin required over 4 hours X 5
3. Discontinue IV insulin 4 hours after basal injection
4. Start patient on pathway below based on eating status
5. Reevaluate Insulin requirements every 1-2 days

---

**Patient not eating (NPO):**
- Prandial Insulin = None
- Basal Insulin = 50% TDD once daily
- Supplemental Insulin (see box below)

**Patient is eating:**
- Prandial Insulin = 15% TDD before each meal
- Basal Insulin = 50% TDD once daily
- Supplemental Insulin (see box below)

---

**Adjusting Basal Insulin Dose**

<table>
<thead>
<tr>
<th>FPG (mg/dL)</th>
<th>Insulin Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;100</td>
<td>- 3 units</td>
</tr>
<tr>
<td>100-130</td>
<td>No Change</td>
</tr>
<tr>
<td>&gt;130</td>
<td>+ 3 units</td>
</tr>
</tbody>
</table>

**Adjusting Prandial Insulin Dose**

- Adjust dose based on the next pre-meal glucose level
  - <100: Decrease dose by 10%
  - 100-180: No Change
  - >180: Increase dose by 10%

**Supplemental Insulin Dose**

- Use in conjunction with basal +/- each prandial insulin dose

<table>
<thead>
<tr>
<th>BG</th>
<th>TDD &lt;40 units/d</th>
<th>TDD ~ 40-80 units/d</th>
<th>TDD &gt;80 units/d</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;180</td>
<td>0 units</td>
<td>0 units</td>
<td>0 units</td>
</tr>
<tr>
<td>180-249</td>
<td>+ 1 units</td>
<td>+ 2 units</td>
<td>+ 3 units</td>
</tr>
<tr>
<td>250-299</td>
<td>+ 2 units</td>
<td>+ 4 units</td>
<td>+ 6 units</td>
</tr>
<tr>
<td>300-349</td>
<td>+ 3 units</td>
<td>+ 6 units</td>
<td>+ 9 units</td>
</tr>
<tr>
<td>&gt;349</td>
<td>+ 4 units</td>
<td>+ 8 units</td>
<td>+12 units</td>
</tr>
</tbody>
</table>

---

**Footnotes:**