### Impact of Rapid Result

<table>
<thead>
<tr>
<th># of GPCC/week that are NOT SA or MRSA</th>
<th>Cost Savings per case from detecting 1-2 days sooner</th>
</tr>
</thead>
<tbody>
<tr>
<td>_______</td>
<td>_______ x _______ = _______ / week</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># of GPCC/week that are SA or MRSA</th>
<th>Cost Savings per case from detecting 1-2 days sooner</th>
</tr>
</thead>
<tbody>
<tr>
<td>_______</td>
<td>_______ x _______ = _______ / week</td>
</tr>
</tbody>
</table>

**Total Cost Savings/week = **________

### Estimated Financial Impact

- **ICU Laboratory**
  - BCB positive for GPCC:
    - May modify empiric Rx
    - Prescribe targeted active Rx

### Xpert MRSA/SA BC Workbook

- **Hours 4-48**
  - May modify empiric Rx
  - Impact of Rapid Result

- **Hours 22-72**
  - May modify empiric Rx

- **Hours 36-96**
  - Prescribe targeted active Rx

---

### Xpert™ MRSA/SA BC

- **Workbook**

---

**Defining molecular diagnostics.**
Incubate blood cultures bottles 4-48 hrs

Streak plates for:
- gram +
- gram -
- anaerobes

Perform simple spot tests
- Setup for ID/AST

Incubate 18-24 hr

In 4-48 hours:
- Report presumptive ID
- Report full ID/AST results at 36-96 hrs.

In less than one hour:
- Report GPCC gram stain results
- Setup Xpert™ MRSA/SA BC Test
- Report Xpert results
- SA positive
- MRSA positive
- SA and MRSA negative

Determine if contaminated draw
Prescribe targeted active Rx
If MRSA, contact precautions implemented