Environmental Cleanliness Monitoring
Definitions

- **Environmental monitoring** - systematic use of technology to identify opportunities for improving cleaning process or validate environmental service staff training.
- **UV gel testing** - qualitative measure using fluorescent gel product to assess the effectiveness of terminal cleaning on defined high touch surfaces.
Tools

- **UV marking product**
  - Glow germ, Glitterbug, Steril-rite, other?

- **Marking tool**
  - Sponge applicator
  - Applicator swab

- **Blacklight**
Procedure - UV Gel

- Before Discharge Cleaning:
  - Mark high touch surfaces (HTS) using the UV gel and sponge or cotton tipped applicator
  - Mark objects in an area that is easily accessible to cleaning.
Appropriate application of solution

- Dip applicator into the UV gel.
- Don’t use too much or too little! Using a circular motion, make a dime size mark on the object using a small amount of gel.
- Gel should be allowed to dry ten (10) minutes before cleaning assessment.
Perform discharge cleaning.

Before patient is placed in cleaned room, use a black light to assess removal of the gel:

• Though complete removal of the gel is optimal (best practice), partially cleaned marks on textured surfaces are counted as cleaned.

• Document cleaning on the spreadsheet
Procedure- UV gel

- Report monthly percent of rooms successfully cleaned to Infection Prevention and Control and EVS manager.
- Notify EVS managers of any HTS which consistently fail the UV monitoring indicating further action is needed.
**MHA Toolkit Environmental Cleaning Scorecard**

<table>
<thead>
<tr>
<th>Employee Name</th>
<th>Ken Clean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>3/25</td>
</tr>
<tr>
<td>Room#</td>
<td>A01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Clean</th>
<th>Unclean</th>
<th>% Clean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toilet seat</td>
<td>y</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>Toilet handle</td>
<td>y</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>Toilet hand rails</td>
<td>n</td>
<td>n</td>
<td>y</td>
</tr>
<tr>
<td>Faucet handle (s)</td>
<td>n</td>
<td>n</td>
<td>y</td>
</tr>
<tr>
<td>Door handles (both to pass)</td>
<td>n</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>Bed hand rails</td>
<td>n</td>
<td>y</td>
<td>n</td>
</tr>
<tr>
<td>Nurse Call light/box</td>
<td>y</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>Overbed tray table</td>
<td>y</td>
<td>y</td>
<td>y</td>
</tr>
<tr>
<td>Telephone</td>
<td>n</td>
<td>n</td>
<td>y</td>
</tr>
<tr>
<td>Light switch</td>
<td>n</td>
<td>n</td>
<td>y</td>
</tr>
</tbody>
</table>

**Room cleaning scores 2014**

- **Total Positive**: 46789300
- **Total Negative**: 64321700
- **Total Measured**: 101010101000
- **% Cleaned**: 40% 60% 70% 80% 90% 30% #DIV/0! #DIV/0!

Tested by (initials):
High Touch Surfaces

- **Patient Room**
  - Bed hand rails
  - Nurse Call light/box
  - Overbed Tray Table
  - Telephone
  - Light switch

- **Patient Restroom**
  - Toilet seat
  - Toilet flush handle
  - Toilet hand rails/grab bars
  - Faucet handle(s)
  - Door Handles (both to pass)
Marking surfaces
Marking surfaces
Marking surfaces
Marking consistently
Marking consistently

- Call Box

Back side
Other surfaces
Reading results