Environmental Cleanliness Monitoring

Patient Safety

2014 - 2016

Definitions

- <u>Environmental monitoring</u>- systematic use of technology to identify opportunities for improving cleaning process or validate environmental service staff training.

- <u>UV gel testing</u>- 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.

Procedure- UV gel

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.

Procedure- UV gel

- 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

																			2014
Employee Name	Ken Clean																		
Date	3/25																		January
Room#	A01															Total Clean	Total Unclean	% Clean
Toilet seat	y	y	n	y	y	y											5	1	83%
Toilet handle	y	y	n	y	y	n											4	2	67%
Toilet hand rails	n	n	y	y	y	n											3	3	50%
Faucet handle (s)	n	n	y	y	y	y											4	2	67%
Door handles (both to pass)	n	y	y	n	y	n											3	3	50%
Bed hand rails	n	y	n	n	n	n											1	5	17%
Nurse Call light/box	y	y	y	y	y	n											5	1	83%
Overbed tray table	y	y	y	y	y	y													
Telephone	n	n	y	y	y	n													
Light switch	n	n	y	y	y	n													
Total Positive	4	6	7	8	9	3	0	0											
Total Negative	6	4	3	2	1	7	0	0											
Total Measured	10	10	10	10	10	10	0	0											
% Cleaned	40%	60%	70%	80%	90%	30%	#DIV/0!	#DIV/0!											
Tested by (initials):																			

Room cleaning scores 2014

(Bar chart: Jan ~62%, Feb ~77%, Mar ~76%, Apr ~85%, May–Dec 0%)

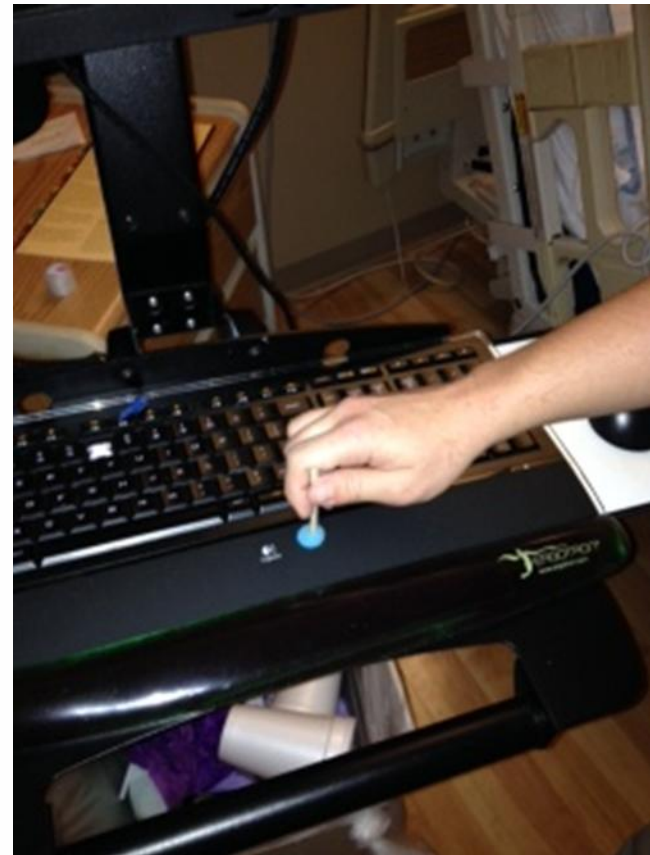Legend: ■ Room cleaning scores

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)

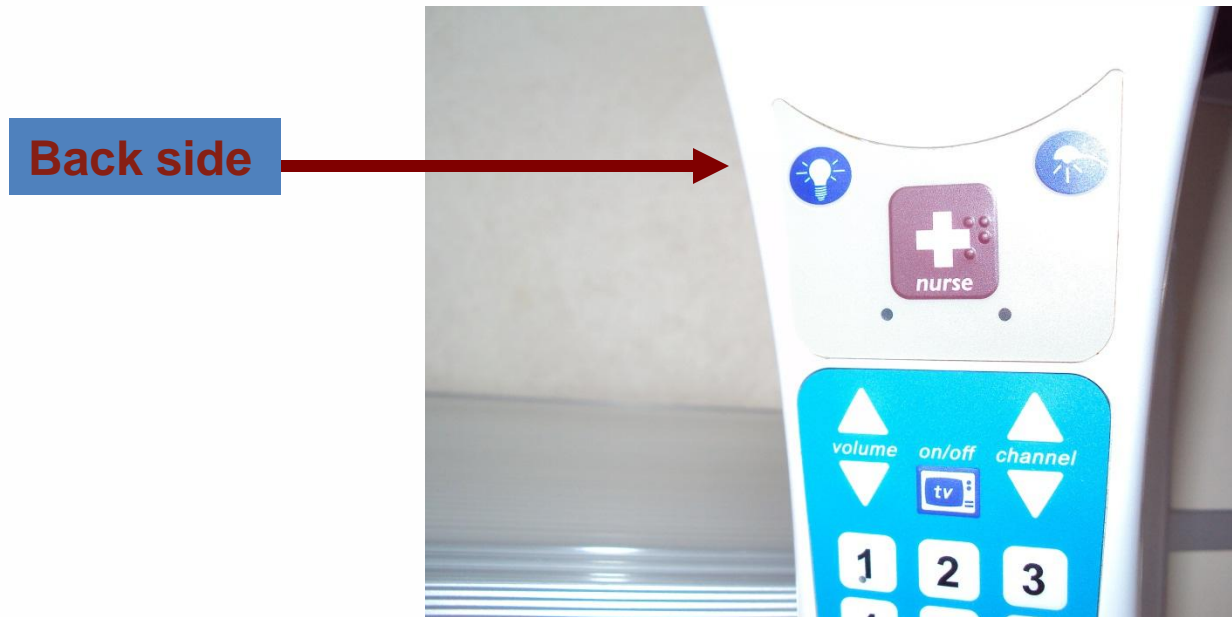# Marking surfaces

Marking surfaces

Marking surfaces

Marking consistently

Marking consistently

- Call Box

Back side →

Other surfaces

Reading results