



Formulated with  
**Zetrisol**<sup>TM</sup>  
A PROPRIETARY SILICONE QUATERNARY SOLUTION

## “ZETRISIL” NANO SILICONE-BASED SANITIZERS + DISINFECTANTS ARE PROVEN TO REDUCE + CONTROL BACTERIAL LOADING FOR AN EXTENDED PERIOD – THUS REDUCING THE THREAT OF HBI (HOSPITAL BORN INFECTION)

My-shield® Santizer/disinfectant participated in an extensive third-party sponsored 39-room, 27 day study at a prominent US-based hospital. The objective was to test the potential effectiveness and persistence of the product(s) and record any reduction of bacteria loadings over extended periods as compared to current cleaning & disinfection protocols currently incorporated by the medical facility.

**Sponsor:** Highmark, Inc. “Medical Division” 501 Penn Ave, Pittsburgh, PA 15222

**Applicator:** Pelican Solutions Group, Wexford, PA 15090

**Medical facility:** Wheeling Mission Hospital, 1 Medical Park, Wheeling West Virginia 26003

**Microbial testing laboratory:** Wheeling Mission Hospital, “Analytical Department”  
1 Medical Park, Wheeling West Virginia 26003

**Objectives of the study:** To quantify the effectiveness of the My-Shield nano silicone sanitizer & disinfectant technologies in reducing microbial loadings in a working hospital environment over current cleaning & disinfection protocols.

**Study data summary:** 370 microbial lab tests (including spasmodic re inoculation) were conducted on 39 different patient rooms over the course of a 3 week period.

Overall Average by Category								Reduction/Increase from baseline:		
	Baseline	Day 1	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	1 Week	2 Weeks	3 Weeks
Category A	98.9	70.2	77.2	76.1	49.4	84.9	95.2	-50%	-14%	-4%
Category B	114.5	12.7	12.3	8.6	9.4	19.2	34.0	-92%	-83%	-70%
Category C	207.7	24.8	20.2	6.0	9.2	12.9	14.1	-96%	-94%	-93%
Category D	220.1	34.5	23.2	7.7	7.3	11.6	18.9	-97%	-95%	-91%
Category E	352.6	13.8	17.5	3.7	7.1	8.8	11.5	-98%	-97%	-97%

**Conclusions:**

## Category A: Current Hospital cleaning & Disinfection by Hospital cleaning Staff With Continued (routine cleaning & Disinfection for 26 days)

Room	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
103	Left-outside Bedrail Controls (patient perspective)	1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
103	Left Sink Handle (hot)	8	67	12	15	26	25	33	1. No Growth Day 2	n/a	0	0	0
103	Exterior Door Handle	1	0	133	3	9	16	3	1. No Growth Day 2	n/a	0	0	0
103	Exterior Door Handle	22	8	52	2	75	30	53	1. 20 Colonies (CFUs) Microcococcus Species 2. 1 Colonies (CFUs) Bacillus Species (FRT GRAM POS ROD. SPORES)	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Microcococcus Species 3. 5 Colonies (CFUs) Diptheroids	0	0	0
103	Visitor Chair (tagged) Right Armrest	147	159	108	37	11	119	n/a	n/a	n/a	0	0	0
103	Bedside Table - around edges (non vanity side)	32	22	73	12	13	47	34	1. 100 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 20 Colonies (CFUs) Microcococcus Species	1. 30 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 40 Colonies (CFUs) Coagulase Negative Staphylococcus 3. 3 Colonies (CFUs) Microcococcus Species	1. 50 Colonies (CFUs) Coagulase Negative Staphylococcus	No Growth Day 2	
104	Left-outside Bedrail Controls (patient perspective)	7	1	n/a	n/a	16	12	0	n/a	n/a	0	0	0
104	Left Sink Handle (hot)	117	0	n/a	n/a	11	4	2	n/a	n/a	0	0	0
104	Exterior Door Handle	74	26	n/a	n/a	9	66	336	n/a	n/a	0	0	0
104	Visitor Chair (tagged) Right Armrest	77	39	n/a	n/a	60	107	n/a	n/a	n/a	0	0	0
104	Bedside Table - around edges (non vanity side)	93	37	307	90	33	201	44	n/a	n/a	0	0	0
308	Left-outside Bedrail Controls (patient perspective)	82	45	n/a	n/a	3	18	27	1. 1 Colonies (CFUs) Diptheroids (Gram Pos Rod)	NO GROWTH DAY 2	0	0	0
308	Left Sink Handle (hot)	69	0	26	1	12	46	35	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
308	Exterior Door Handle	64	10	21	19	16	30	51	1. 6 Colonies (CFUs) Coagulase Negative Staphylococcus (Two Species)	n/a	0	0	0
308	Visitor Chair (tagged) Right Armrest	547	94	278	29	35	311	355	1. No Growth Day 2	n/a	0	0	0
308	Bedside Table - around edges (non vanity side)	93	21	23	40	188	56	n/a	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
308	Bathroom Door Handle (outside)	101	n/a	41	1	399	52	43	n/a	n/a	0	0	0
308	Bathroom Lightswitch (in or out)	83	83	55	27	33	36	90	1. 19 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
308	Handicap Rail (BR)	98	15	29	6	44	9	152	1. No Growth Day 2	n/a	0	0	0
309	Left-outside Bedrail Controls (patient perspective)	612	19	13	18	0	50	46	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3. 2 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 3	n/a	0	0	0
309	Left Sink Handle (hot)	60	375	390	14	368	156	325	1. No Growth Day 2	n/a	0	0	0
309	Exterior Door Handle	45	20	66	72	31	33	53	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1.50 Colonies (CFUs) Ornithinus Negative Staphylococcus 2. 15 Colonies (CFUs) Enterococcus Species 3. 2 Colonies (CFUs) Pseudomonas-related Gram Negative Rods	n/a	0	0	0
309	Visitor Chair (tagged) Right Armrest	85	169	194	3	21	92	106	1. 4 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 8 Colonies (CFUs) Diptheroids	1. 4 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 8 Colonies (CFUs) Diptheroids	0	0	0
309	Bedside Table - around edges (non vanity side)	54	2	199	19	51	24	61	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 10 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3. 8 Colonies (CFUs) Staphylococcus Aureus	1. 10 Colonies (CFUs) Diptheroids 2. 12 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
309	Bathroom Lightswitch (in or out)	6	n/a	n/a	7	n/a	10	2	1. 5 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
309	Bathroom Door Handle (outside)	105	n/a	n/a	35	n/a	6	26	1. No Growth Day 2	n/a	0	0	0
309	Handicap Rail (BR)	16	n/a	n/a	2	n/a	17	21	1. 5 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
405	Left-outside Bedrail Controls (patient perspective)	120	13	25	108	32	n/a	56	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
405	Left Sink Handle (hot)	61	432	60	29	25	254	201	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 30 Colonies (CFUs) Staphylococcus Aureus 3. 10 Colonies (CFUs) Coagulase Negative Staphylococcus	NO GROWTH DAY 2	0	0	0
405	Exterior Door Handle	19	98	67	55	32	78	65	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
405	Visitor Chair (tagged) Right Armrest	122	6	38	44	63	213	75	1. 6 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2. 5 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 1. 5 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
405	Bedside Table - around edges (non vanity side)	94	1	2	99	n/a	64	54	1. 5 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
405	Bathroom Lightswitch (in or out)	9	46	43	249	44	152	108	1. No Growth Day 2	n/a	0	0	0
405	Bathroom Door Handle (outside)	81	1	23	63	39	56	22	1. 3 Colonies (CFUs) Staphylococcus Aureus 2. 2 Colonies (CFUs) Coagulase Negative Staphylococcus 3. 50 Colonies (CFUs) Diptheroids	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
405	Handicap Rail (BR)	4	141	65	28	78	42	64	1. 30 Colonies (CFUs) Staphylococcus Aureus 2. 10 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 30 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 3. 50 Colonies (CFUs) Coagulase Diptheroids	No Growth Day 2	0	0

Category A: Current Hospital cleaning & Disinfection by Hospital cleaning Staff With Continued (routine cleaning & Disinfection for 26 days) Continued

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
406	RIGHT-outside Bedrail Controls ("special bed")	1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
406	Left Sink Handle (hot)	525	166	182	62	n/a	88	135	1. No Growth Day 2	n/a	0	0	0
406	Exterior Door Handle	41	0	96	78	6	95	88	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
406	Visitor Chair (tagged) Right Armrest	59	11	12	103	1	155	66	1. No Growth Day 2	n/a	0	0	0
406	Bedside Table - around edges (non vanity side)	n/a	404	419	154	61	n/a	302	n/a	n/a	0	0	0
406	Bathroom Lightswitch (in or out)	94	210	210	10	n/a	193	505	n/a	n/a	0	0	0
406	Bathroom Door Handle (outside)	8	4	37	24	49	6	9	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
406	Handicap Rail (BR)	34	15	39	39	73	65	23	n/a	n/a	0	0	0
531	Left-Outside Bedrail Controls (patient perspective)	66	18	4	11	n/a	25	75	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 12 Colonies (CFUs) Staphylococcus Aureus 3. 41 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 4. 36 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 3	NO GROWTH DAY 2	0	0	0
531	Left Sink Handle (hot)	105	72	1	816	n/a	232	46	1. 3 Colonies (CFUs) Staphylococcus Aureus 2. 4 Colonies (CFUs) Coagulase Negative Staphylococcus 3. 2 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 2. 9 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1	n/a	0	0	0
531	Exterior Door Handle	10	6	16	12	n/a	36	25	1. No Growth Day 2	n/a	0	0	0
531	Visitor Chair (tagged) Right Armrest	16	262	79	12	n/a	89	43	1. 50 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 50 Colonies (CFUs) Staphylococcus Aureus 3. 1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	NO GROWTH DAY 2	0	0	0
531	Bedside Table - around edges (non vanity side)	73	4	26	50	n/a	54	n/a	1. 1 Colonies (CFUs) Pseudomonas-related Gram Negative Rods 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 8 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Diphtheroids	0	0	0
531	Bathroom Lightswitch (in or out)	13	12	3	28	n/a	35	35	1. 1 Colonies (CFUs) Spore Forming Gram Positive Rods 2. 1 Colonies (CFUs) Staphylococcus Aureus	NO GROWTH DAY 2	0	0	0
531	Bathroom Door Handle (outside)	23	0	47	18	n/a	25	33	1. 4 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 8 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
531	Handicap Rail (BR)	104	0	20	5	n/a	18	103	1. 8 Colonies (CFUs) Staphylococcus Aureus 2. 8 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
532	Left-Outside Bedrail Controls (patient perspective)	20	n/a	n/a	0	n/a	26	6	1. No Growth Day 4	n/a	0	0	0
532	Left Sink Handle (hot)	29	n/a	n/a	23	n/a	28	9	1. No Growth Day 4	n/a	0	0	0
532	Exterior Door Handle	41	n/a	n/a	3	n/a	3	66	1. 1 Colonies (CFUs) Pseudomonas-related Gram Negative Rods 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
532	Visitor Chair (tagged) Right Armrest	n/a	n/a	n/a	27	n/a	120	242	1. 28 Colonies (CFUs) Coagulase Negative Staphylococcus 1. 4 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 2 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
532	Bedside Table - around edges (non vanity side)	497	n/a	n/a	143	n/a	265	42	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
532	Bathroom Lightswitch (in or out)	32	n/a	n/a	4	n/a	19	20	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
532	Bathroom Door Handle (outside)	81	n/a	n/a	17	n/a	39	12	1. 11 Colonies (CFUs) Coagulase Negative Staphylococcus 1. 40 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 5 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
532	Handicap Rail (BR)	34	n/a	n/a	13	n/a	1	14	1. No Growth Day 4	n/a	0	0	0
532	Left-Outside Bedrail Controls (patient perspective)	286	30	14	55	20	n/a	n/a	1. No Growth Day 4	n/a	0	0	0
532	Left Sink Handle (hot)	34	26	163	9	209	44	101	1. No Growth Day 4	n/a	0	0	0
532	Exterior Door Handle	2	0	46	74	53	32	40	1. No Growth Day 4	n/a	0	0	0
532	Visitor Chair (tagged) Right Armrest	985	n/a	n/a	44	6	183	n/a	n/a	n/a	0	0	0
532	Bedside Table - around edges (non vanity side)	19	101	150	74	65	56	n/a	1. 1 Colonies (CFUs) Pseudomonas-related gram Negative Rods	NO GROWTH DAY 2	0	0	0
532	Bathroom Lightswitch (in or out)	34	7	3	1	0	9	18	1. 1 Colonies (CFUs) Microcococcus Species	n/a	0	0	0
532	Bathroom Door Handle (outside)	40	114	3	11	0	2	12	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 4 Colonies (CFUs) Microcococcus Species 3. 1 Colonies (CFUs) Bacillus Species (Not anthracis)	n/a	0	0	0
532	Handicap Rail (BR)	9	83	73	1	39	3	27		n/a	0	0	0

Category A: Current Hospital cleaning & Disinfection by Hospital cleaning Staff With Continued (routine cleaning & Disinfection for 26 days) Continued

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
625	Left-outside Bedrail Controls (patient perspective)	37	44	23	11	1	99	11	1. No Growth Day 4	n/a	0	0	0
625	Left Sink Handle (In)	364	148	11	30	2	15	36	n/a	n/a	0	0	0
625	Exterior Door Handle	36	75	17	4	15	61	25	1. 4 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFU S) Micrococcus Species	n/a	0	0	0
625	Visitor Chair (tagged) Right Armrest	65	324	215	139	49	458	18	1. 15 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 15 Colonies (CFUs) Coagulase Negative Staphylococcus 3. 10 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 NUMBER 3	n/a	0	0	0
625	Bedside Table - around edges (non-vanity side)	115	71	15	11	20	86	20	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 2 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 NUMBER 3 3. 1 Colonies (CFUs) Pseudomonas-related Gram Negative Rods	1. 150 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 15 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	1. 1 Colonies (CFUs) Bacillus Species 2. 6 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0
625	Bathroom Lightswitch (in or out)	28	3	127	86	87	111	20	1. 1 Colonies (CFUs) Pseudomonas-related Gram Negative Rods	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2. 6 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	0	0	0
625	Bathroom Door Handle (outside)	8	35	42	321	14	245	32	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 3 Colonies (CFU S) Micrococcus Species	n/a	0	0	0
625	Handicap Rail (R)	17	23	50	4	1	23	7	1. 30 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 12 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2. 15 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	0	0	0
416	Left-outside Bedrail Controls (patient perspective)	40	n/a	4	2	1	n/a	16	1. No Growth Day 4	n/a	0	0	0
416	Left Sink Handle (In)	87	n/a	183	4	132	76	1703	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
416	Exterior Door Handle	105	n/a	11	24	1	224	10	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
416	Visitor Chair (tagged) Right Armrest	366	n/a	220	2088	164	629	35	1. 13 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 8 Colonies (CFUs) Micrococcus Species	NO GROWTH DAY 2	0	0	0
416	Bedside Table - around edges (non vanity side)	52	n/a	28	16	6	n/a	357	1. 82 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 20 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2. 20 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3. 5 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 3	0	0	0
416	Bathroom Lightswitch (in or out)	20	n/a	40	4	33	19	38	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
416	Bathroom Door Handle (outside)	37	n/a	12	27	97	22	80	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
416	Handicap Rail (R)	1	n/a	9	0	9	3	47	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
<b>OVERALL AVERAGE FOR THIS CATEGORY</b>		<b>98.9</b>	<b>70.2</b>	<b>77.2</b>	<b>76.1</b>	<b>49.4</b>	<b>84.9</b>	<b>95.2</b>					

Category B: One Single Application of My-shield® Sanitizing/Disinfection Treatment Applied By Electrostatic Applicator & Wipes (no routine cleaning for 26 days)

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
202	Chair	132	18	13	10	29	44	76	1. 2 Colonies (CFU S) Micrococcus Species 2. 3 Colonies (CFUs) Coagulase Negative Staphylococcus 3. 3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
202	Bathroom Wall	74	0	1	1	1	3	1	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus (Two Species)	n/a	0	0	0
203	Chair	91	10	13	5	5	18	4	1. 5 Colonies (CFU S) Micrococcus Species 2. 12 Colonies (CFUs) Diptheroids (Gram Pos Rod)	NO GROWTH DAY 2	0	0	0
203	Bathroom Wall	81	1	0	3	2	10	13	1. No Growth Day 2	n/a	0	0	0
204	Chair	263	73	52	30	18	45	157	1. 4 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Diptheroids (GRAM POS ROD)	n/a	0	0	0
204	Bathroom Wall	49	4	6	3	1	6	0	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Diptheroids (GRAM POS ROD)	n/a	0	0	0
205	Chair	131	15	24	13	n/a	34	n/a	1. 2 Colonies (CFU S) Coagulase Staphylococcus	n/a	0	0	0
205	Bathroom Wall	36	0	0	3	1	0	0	1. No Growth Day 2	n/a	0	0	0
207	Chair	260	6	14	15	26	28	n/a	1. 8 Colonies (CFU S) Gram Negative Rods 2. 3 Colonies (CFU S) Bacillus Species (FBI GRAM POS ROD, SPORES) 3. 20 Colonies Coagulase Negative Staphylococcus 4. 10 Colonies (CFU S) Enterococcus Species 5. 20 Colonies (CFU S) Diptheroids	NO GROWTH DAY 2	0	0	0
207	Bathroom Wall	87	n/a	183	4	132	76	1703	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
<b>OVERALL AVERAGE FOR THIS CATEGORY</b>		<b>114.5</b>	<b>12.7</b>	<b>12.3</b>	<b>8.6</b>	<b>9.4</b>	<b>19.2</b>	<b>34.0</b>					

Category C: One single application of My-shield® Sanitizer/Disinfectant with combination steam & electrostatic applicator followed up with (26 days of routine cleaning)

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture		
341	Left-outside Bedrail Controls (patient perspective)	1/6/10 & 1/7/10	75	24	4	3	3	9	n/a	1.No Growth Day 2	n/a	1/3/10	0	0	0
341	Left Sink Handle (foot)	43	0	8	8	1	2	8	1.10 Colonies (CFUs) Yeast	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0	0	0
341	Exterior Door Handle	44	8	4	3	1	12	16	1.No Growth Day 2	n/a	0	0	0	0	0
341	Visitor Chair (tagged) Right Armrest	5900	1	31	0	5	10	22	1.5 Colonies (CFUs) Coagulase Staphylococcus 2.5 Colonies (CFUs) Gram Negative Rods	n/a	0	0	0	0	0
341	Bedside Table - around edges (non vanity side)	25	0	30	20	13	17	21	1.1 Colonies (CFUs) Coagulase Staphylococcus 2.1 Colonies (CFUs) Micrococcus Species	n/a	0	0	0	0	0
342	Left-outside Bedrail Controls (patient perspective)	4	0	6	18	7	5	n/a	1.No Growth Day 2	n/a	0	0	0	0	0
342	Left Sink Handle (foot)	25	8	5	2	8	9	11	1.1 Colonies (CFUs) Coagulase Staphylococcus	1.1 Colonies (CFUs) Gram Negative Rods	0	0	0	0	0
342	Exterior Door Handle	0	24	1	3	13	3	12	1.2 Colonies (CFUs) Yeast	2.3 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0	0	0
342	Visitor Chair (tagged) Right Armrest	77	2	13	7	12	19	26	1.No Growth Day 2	n/a	0	0	0	0	0
342	Bedside Table - around edges (non vanity side)	6	0	4	1	6	6	n/a	1.No Growth Day 2	n/a	0	0	0	0	0
302	Left-outside Bedrail Controls (patient perspective)	540	7	20	2	40	46	17	1.No Growth Day 2	n/a	0	0	0	0	0
302	Left Sink Handle (foot)	2	3	18	13	6	16	12	1.9 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0	0
302	Exterior Door Handle	0	9	2	0	23	29	8	1.100 Colonies (CFUs) Gram Positive Rods (resembling LACTOBACILLUS) 2.4 Colonies (CFUs) Enterococcus Species 3.21 Colonies (CFUs) Coagulase Negative Staphylococcus	1.18 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.8 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3.20 Colonies (CFUs) Diphtheroids	0	0	0	0	0
302	Visitor Chair (tagged) Right Armrest	123	3	4	3	24	31	6	1.No Growth Day 2	n/a	0	0	0	0	0
302	Bedside Table - around edges (non vanity side)	148	14	53	7	36	40	n/a	1.2 Colonies (CFUs) Coagulase Negative Staphylococcus 2.3 Colonies (CFUs) Micrococcus Species	n/a	0	0	0	0	0
302	Bathroom Lightswitch (in or out)	2	0	2	2	9	1	0	1.No Growth Day 2	n/a	0	0	0	0	0
302	Bathroom Door Handle (outside)	1	1	1	0	14	6	0	1.1 Colonies (CFUs) Coagulase Staphylococcus	n/a	0	0	0	0	0
302	Handicap Rail (BR)	21	3	5	0	20	25	15	1.No Growth Day 2	n/a	0	0	0	0	0
303	Left-outside Bedrail Controls (patient perspective)	85	n/a	9	11	18	19	23	1.No Growth Day 2	n/a	0	0	0	0	0
303	Left Sink Handle (foot)	208	n/a	64	7	8	14	14	1.No Growth Day 2	n/a	0	0	0	0	0
303	Exterior Door Handle	0	n/a	26	3	16	26	28	1.No Growth Day 2	n/a	0	0	0	0	0
303	Visitor Chair (tagged) Right Armrest	260	n/a	23	0	37	41	53	1.No Growth Day 2	n/a	0	0	0	0	0
303	Bedside Table - around edges (non vanity side)	201	n/a	74	15	31	30	12	1.No Growth Day 2	n/a	0	0	0	0	0
303	Bathroom Lightswitch (in or out)	7	n/a	6	16	16	4	9	1.No Growth Day 2	n/a	0	0	0	0	0
303	Bathroom Door Handle (outside)	0	n/a	19	0	4	12	7	1.3 Colonies (CFUs) Coagulase Staphylococcus	n/a	0	0	0	0	0
303	Handicap Rail (BR)	96	n/a	22	0	5	13	20	1.No Growth Day 2	n/a	0	0	0	0	0
417	Left-outside Bedrail Controls (patient perspective)	26	n/a	4	5	1	3	3	1.5 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0	0
417	Left Sink Handle (foot)	28	n/a	18	1	1	8	18	1.No Growth Day 2	n/a	0	0	0	0	0
417	Exterior Door Handle	18	n/a	2	3	3	6	1	n/a	n/a	0	0	0	0	0
417	Visitor Chair (tagged) Right Armrest	48	n/a	9	12	11	24	20	1.6 Colonies (CFUs) Gram Negative Rods	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus 2.7 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 3.40 Colonies (CFUs) Diphtheroids	0	0	0	0	0
417	Bedside Table - around edges (non vanity side)	26	n/a	3	10	9	11	60	1.3 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0	0
417	Bathroom Lightswitch (in or out)	7	n/a	1	2	2	5	2	1.1 Colonies (CFUs) Pseudomonas-related Gram Negative Rods	NO GROWTH DAY 2	0	0	0	0	0
417	Bathroom Door Handle (outside)	14	n/a	3	3	4	10	0	1.No Growth Day 2	n/a	0	0	0	0	0
417	Handicap Rail (BR)	7	n/a	5	2	4	0	23	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0	0
516 (A)	Left-outside Bedrail Controls (patient perspective)	38	0	n/a	n/a	n/a	n/a	23	1.2 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0	0
516 (A)	Left Sink Handle (foot)	68	25	24	0	7	11	5	1.1 Colonies (CFUs) Micrococcus Species	n/a	0	0	0	0	0
516 (A)	Exterior Door Handle	65	17	2	0	5	1	14	1.No Growth Day 4	n/a	0	0	0	0	0
516 (A)	Visitor Chair (tagged) Right Armrest	51	13	5	1	3	13	15	1.1 Colonies (CFUs) Micrococcus Species	n/a	0	0	0	0	0
516 (A)	Bedside Table - around edges (non vanity side)	119	12	0	3	3	16	33	1.No Growth Day 4	n/a	0	0	0	0	0
516 (A)	Bathroom Lightswitch (in or out)	19	4	0	0	0	2	4	n/a	n/a	0	0	0	0	0
516 (A)	Bathroom Lightswitch (in or out)	57	22	2	7	2	8	3	1.No Growth Day 4	n/a	0	0	0	0	0
516 (A)	Handicap Rail (BR)	21	157	65	5	19	12	7	1.No Growth Day 4	n/a	0	0	0	0	0
602 (B)	Bedside Table - around edges (non vanity side)	37	0	1	0	6	3	n/a	n/a	n/a	0	0	0	0	0
602 (B)	Bathroom Lightswitch (in or out)	34	4	5	1	9	9	1	n/a	n/a	0	0	0	0	0
602 (B)	Bathroom Door Handle (outside)	48	37	7	2	3	9	0	n/a	n/a	0	0	0	0	0
602 (B)	Handicap Rail (BR)	24	5	1	0	1	2	0	1.30 Colonies (CFUs) Coagulase Negative Staphylococcus	1 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0	0	0

Category C: One single application of My-shield® Sanitizer/Disinfectant with combination steam & electrostatic applicator followed up with (26 days of routine cleaning)

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
634	Left-Outside Bedrail Controls (patient perspective)	167	13	4	2	10	n/a	1	n/a	n/a	0	0	0
634	Left Sink Handle (hot)	61	5	46	1	2	0	1	1.9 Colonies (CFUs) Coagulase Negative Staphylococcus 2.29 Colonies (CFU s) Micrococcus Species	NO GROWTH DW 2	0	0	0
634	Exterior Door Handle	11	2	5	8	1	8	18	1.No Growth Day 4	n/a	0	0	0
634	Visitor Chair (tagged) Right Armrest	294	157	11	17	8	16	n/a	1.5 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
634	Bedside Table - around edges (from vanity side)	52	7	492	34	18	26	n/a	1.3 Colonies (CFUs) Coagulase Negative Staphylococcus 2.3 Colonies (CFUs) Micrococcus Species	NO GROWTH DAY 2	0	0	0
634	Bedroom Lightswitch (in or out)	3	3	4	2	3	0	8	1.2 Colonies (CFUs) Coagulase Negative Staphylococcus 2.1 Colonies (CFUs) Pseudomonas-related Gram Negative Rods	NO GROWTH DAY 2	0	0	0
634	Bedroom Door Handle (outside)	14	4	5	0	1	8	7	1.2 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
634	Handicap Rail (BR)	3	7	3	5	3	6	11	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus 2.1 Colonies (CFUs) Gram Negative Rods	NO GROWTH DAY 2	0	0	0
635	Left-Outside Bedrail Controls (patient perspective)	14	0	3	23	14	6	31	1.1 Colonies (CFUs) Diptheroids	n/a	0	0	0
635	Left Sink Handle (hot)	7	11	12	6	2	3	5	1.No Growth Day 4	n/a	0	0	0
635	Exterior Door Handle	0	0	1	1	1	4	7	1.5 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
635	Visitor Chair (tagged) Right Armrest	179	10	4	2	2	7	5	1.40 Colonies (CFUs) Coagulase Negative Staphylococcus 2.1 Colonies (CFU s) Micrococcus Species	1.5 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.8 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	0	0	0
635	Bedside Table - around edges (from vanity side)	58	13	15	0	n/a	32	77	1.5 Colonies (CFUs) Filamentous Fungus 2.10 Colonies (CFUs) Coagulase Negative Staphylococcus	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3.1 Colonies (CFUs) Micrococcus Species	0	0	0
635	Bedroom Lightswitch (in or out)	0	2	8	11	0	21	16	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
635	Bedroom Door Handle (outside)	2	0	1	3	0	1	38	1.2 Colonies (CFUs) Coagulase Negative Staphylococcus 2.12 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
635	Handicap Rail (BR)	11	0	1	4	0	2	0	1.3 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
<b>OVERALL AVERAGE FOR THIS CATEGORY</b>		<b>2017.7</b>	<b>24.8</b>	<b>20.2</b>	<b>6.0</b>	<b>9.2</b>	<b>12.9</b>	<b>14.1</b>					

Category D: One single application of My-shield® Sanitizer/Disinfectant treatment applied with a combination of electrostatic applicator & wipes followed up with (26 days of routine cleaning)

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
344	Left-Outside Bedrail Controls (patient perspective)	65	2	12	19	5	24	n/a	1.No Growth Day 2	n/a	0	0	0
344	Left Sink Handle (hot)	5	2	4	1	2	6	5	1.1 Colonies (CFU s) Coagulase Staphylococcus	n/a	0	0	0
344	Exterior Door Handle	24	5	26	2	1	18	8	1.1 Colonies (CFU s) Coagulase Staphylococcus	n/a	0	0	0
344	Visitor Chair (tagged) Right Armrest	70	0	4	18	4	20	31	1.1 Colonies (CFU s) Coagulase Staphylococcus	n/a	0	0	0
344	Bedside Table - around edges (from vanity side)	2	108	54	14	5	21	n/a	1.1 Colonies (CFU s) Bacillus Species (FAT GRAM POS ROD- SPORES) 2.1 Colonies (CFU s) Coagulase Negative Staphylococcus	1.3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.10 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	0	0	0
345	Left-Outside Bedrail Controls (patient perspective)	139	8	8	40	3	7	n/a	1.1 Colonies (CFU s) Coagulase Staphylococcus	n/a	0	0	0
345	Left Sink Handle (hot)	13	19	15	1	0	4	3	1.No Growth Day 2	n/a	0	0	0
345	Exterior Door Handle	9	6	38	5	4	5	2	1.No Growth Day 2	n/a	0	0	0
345	Visitor Chair (tagged) Right Armrest	160	2	17	39	9	27	n/a	1.4 Colonies (CFU s) Coagulase Staphylococcus	n/a	0	0	0
345	Bedside Table - around edges (from vanity side)	33	0	2	4	4	32	11	1.3 Colonies (CFU s) Coagulase Staphylococcus	n/a	0	0	0
431	Left-Outside Bedrail Controls (patient perspective)	0	n/a	11	1	21	3	15	1.3 Colonies (CFU s) Coagulase Staphylococcus	n/a	0	0	0
431	Left Sink Handle (hot)	12	n/a	29	1	17	2	3	1.No Growth Day 2	n/a	0	0	0
431	Exterior Door Handle	0	n/a	7	0	9	1	2	1.No Growth Day 2	n/a	0	0	0
431	Visitor Chair (tagged) Right Armrest	92	n/a	6	2	6	2	23	1.4 Colonies (CFUs) Coagulase Negative Staphylococcus 2.2 Colonies (CFUs) Coagulase Negative Staphylococcus 3.1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 3	n/a	0	0	0
431	Bedside Table - around edges (from vanity side)	0	n/a	10	17	34	39	41	1.18 Colonies (CFUs) Coagulase Negative Staphylococcus 2.1 Colonies (CFUs) Gram Variable Rods (with spores)	1.10 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.22 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3.5 Colonies (CFUs) Diptheroids	0	0	0
431	Bedroom Lightswitch (in or out)	5	n/a	19	0	4	6	7	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
431	Bedroom Door Handle (outside)	31	n/a	52	0	1	11	19	1.No Growth Day 2	n/a	0	0	0
431	Handicap Rail (BR)	7	n/a	54	5	0	2	3	1.2 Colonies (CFUs) Gram Negative Rods 2.6 Colonies (CFUs) Coagulase Negative Staphylococcus 3.35 Colonies (CFUs) Diptheroids	1.4 Colonies (CFUs) Coagulase Negative Staphylococcus 2.15 Colonies (CFUs) Diptheroids	0	0	0

Category D: One single application of Myrshield® Sanitizer/Disinfectant treatment applied with a combination of electrostatic applicator & wipes followed up with (26 days of routine cleaning)  
(Continued)

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
432	Left-outside Bedrail Controls (patient perspective)	129	n/a	33	22	n/a	24	n/a	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus 2.3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
432	Left Sink Handle (hot)	27	n/a	51	4	1	3	6	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
432	Exterior Door Handle	0	n/a	7	1	2	0	12	1.3 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
432	Visitor Chair (tagged) Right Armrest	337	n/a	20	38	28	42	36	1.12 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	NO GROWTH DAY 2	0	0	0
432	Bedside Table - around edges (non vanity side)	454	n/a	111	14	n/a	23	n/a	1.6 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.5 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3.15 Colonies (CFUs) Filamentous Fungus	1.6 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.6 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	0	0	0
432	Bathroom Lightswitch (in or out)	10	n/a	21	17	0	9	12	1. No Growth Day 2	n/a	0	0	0
432	Bathroom Door Handle (outside)	57	n/a	218	2	1	1	22	1.3 Colonies (CFUs) Coagulase Negative Staphylococcus 2.2 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
432	Handicap Rail (BR)	1	n/a	22	4	2	3	8	1. No Growth Day 2	n/a	0	0	0
529	Left-outside Bedrail Controls (patient perspective)	46	n/a	25	12	2	10	n/a	1. No Growth Day 4	n/a	0	0	0
529	Left Sink Handle (hot)	38	n/a	37	3	2	0	6	1. No Growth Day 4	n/a	0	0	0
529	Exterior Door Handle	40	n/a	6	3	10	11	0	n/a	n/a	0	0	0
529	Visitor Chair (tagged) Right Armrest	44	n/a	2	4	38	9	15	1.30 Colonies (CFUs) Coagulase Negative Staphylococcus 2.1 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	1.50 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.20 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3.10 Colonies (CFUs) Diphtheroids	0	0	0
529	Bedside Table - around edges (non vanity side)	209	n/a	3	2	11	4	50	1.2 Colonies (CFUs) Coagulase Negative Staphylococcus 1.2 Colonies (CFUs) Pseudomonas-related Gram Negative Rods 2.1 Colonies (CFUs) Coagulase Negative Staphylococcus	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus 1.5 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
529	Bathroom Lightswitch (in or out)	31	n/a	0	2	1	4	21	1.2 Colonies (CFUs) Pseudomonas-related Gram Negative Rods 2.1 Colonies (CFUs) Coagulase Negative Staphylococcus	1.5 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
529	Bathroom Door Handle (outside)	26	n/a	2	0	20	1	0	1.5 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
529	Handicap Rail (BR)	47	n/a	13	9	6	16	16	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
530	Left-outside Bedrail Controls (patient perspective)	83	n/a	126	23	6	33	n/a	1.1 Colonies (CFUs) Coagulase Negative Staphylococcus 1. No Growth Day 4	n/a	0	0	0
530	Left Sink Handle (hot)	1172	n/a	28	6	0	12	7	1.1 Colonies (CFUs) Microcococcus Species	n/a	0	0	0
530	Exterior Door Handle	79	n/a	2	2	0	8	23	1. No Growth Day 4	n/a	0	0	0
530	Visitor Chair (tagged) Right Armrest	223	n/a	10	3	11	31	28	1.47 Colonies (CFUs) Coagulase Negative Staphylococcus 2.3 Colonies (CFUs) Microcococcus Species	1.20 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2.13 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	0	0	0
530	Bedside Table - around edges (non vanity side)	192	n/a	45	4	15	16	n/a	1.10 Colonies (CFUs) Coagulase Negative Staphylococcus 2.3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
530	Bathroom Lightswitch (in or out)	360	n/a	10	2	2	5	29	1.2 Colonies (CFUs) Microcococcus Species 2.3 Colonies (CFUs) Coagulase Negative Staphylococcus 3.7 Colonies (CFUs) Enterococcus Species	1.2 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
530	Bathroom Door Handle (outside)	71	n/a	10	3	0	7	11	1. No Growth Day 4	n/a	0	0	0
530	Handicap Rail (BR)	49	n/a	20	0	0	6	5	1. No Growth Day 4	n/a	0	0	0
612	Left-outside Bedrail Controls (patient perspective)	80	4	0	1	1	12	5	1.4 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
612	Left Sink Handle (hot)	6300	107	55	1	4	0	19	1.1 Colonies (CFUs) Bacillus Species (Not anthracis)	n/a	0	0	0
612	Exterior Door Handle	65	49	4	10	2	19	19	1. No Growth Day 4	n/a	0	0	0
612	Visitor Chair (tagged) Right Armrest	506	301	0	2	2	5	n/a	1.21 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
612	Bedside Table - around edges (non vanity side)	545	37	10	8	0	16	34	1.10 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
612	Bathroom Lightswitch (in or out)	14	8	5	4	5	0	0	1.7 Colonies (CFUs) Coagulase Negative Staphylococcus 2.2 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2	n/a	0	0	0
612	Bathroom Door Handle (outside)	12	11	0	3	3	6	25	1. No Growth Day 4	n/a	0	0	0
612	Handicap Rail (BR)	55	2	0	6	8	9	3	1.6 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0



Category D: One single application of My-shield® Sanitizer/Disinfectant treatment applied with a combination of electrostatic applicator & wipes followed up with (26 days of routine cleaning)  
(Continued)

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10	1/27/10
614	Left-ousside Bedrail Controls (patient perspective)	23	9	n/a	n/a	n/a	n/a	n/a	31	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0
614	Left Sink Handle (top)	23	0	1	3	2	1	14	14	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 12 Colonies (CFUs) Streptococci, Alpha Hemolytic	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 2 Colonies (CFUs) Streptococcus Species	No Growth Day 2	0	0	0
614	Exterior Door Handle	30	54	0	14	19	21	29	29	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Gram Negative Rods	n/a	0	0	0	0
614	Visitor Chair (tagged) Right Armrest	461	99	22	23	29	36	214	214	n/a	n/a	0	0	0	0
614	Bedside Table - around edges (non vanity side)	196	30	13	7	8	23	25	25	1.No Growth Day 4	n/a	0	0	0	0
614	Bathroom Lightswitch (in or out)	23	27	0	3	5	9	3	3	1. 1 Colonies (CFUs) Micrococcus Species 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0
614	Bathroom Door Handle (outside)	36	3	9	2	1	16	4	4	1. 14 Colonies (CFUs) Streptococci, Alpha Hemolytic 2. 2 Colonies (CFUs) Micrococcus Species	NO GROWTH DAY 2	0	0	0	0
614	Handicap Rail (RH)	6	5	12	2	0	0	0	0	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0	0
<b>OVERALL AVERAGE FOR THIS CATEGORY</b>		<b>220.1</b>	<b>34.5</b>	<b>23.2</b>	<b>7.7</b>	<b>7.3</b>	<b>11.6</b>	<b>18.9</b>							

Category E: Continued application of My-shield® Sanitizer/Disinfectant treatment applied with a combination of electrostatic applicator & wipes forming part of the  
(routine cleaning & disinfection with My-shield® for 26 days)

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10	1/27/10
502	Left-ousside Bedrail Controls (patient perspective)	39	6	3	1	4	2	6	6	1.No Growth Day 4	n/a	0	0	0
502	Left Sink Handle (top)	3	0	0	1	8	5	10	10	1.No Growth Day 4	n/a	0	0	0
502	Exterior Door Handle	0	16	7	0	0	2	5	5	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
502	Visitor Chair (tagged) Right Armrest	156	18	19	18	23	26	35	35	1. 200 Colonies (CFUs) Staphylococcus aureus	1. 1 Colonies (CFUs) Micrococcus Species 2. 3 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
502	Bedside Table - around edges (non vanity side)	28	1	1	2	3	0	1	1	1. 15 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 2 Colonies (CFUs) Pseudomonas-related Gram Negative Rods 3. 4 Colonies (CFUs) Micrococcus Species	1. 50 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 3 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3. 3 Colonies (CFUs) Micrococcus Species	1. 3 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0
502	Bathroom Lightswitch (in or out)	26	3	0	1	1	2	1	1	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
502	Bathroom Door Handle (outside)	69	6	4	1	5	3	9	9	1.No Growth Day 4	n/a	0	0	0
502	Handicap Rail (RH)	18	1	4	0	4	3	1	1	1. 6 Colonies (CFUs) Micrococcus Species	n/a	0	0	0
503(A)	Left-ousside Bedrail Controls (patient perspective)	52	2	64	5	9	7	21	21	1.No Growth Day 4	n/a	0	0	0
503(A)	Left Sink Handle (top)	161	47	23	2	12	9	13	13	1.No Growth Day 4	n/a	0	0	0
503(A)	Exterior Door Handle	36	4	17	12	11	3	8	8	n/a	n/a	0	0	0
503(A)	Visitor Chair (tagged) Right Armrest	380	47	69	11	9	22	32	32	1. 1 Colonies (CFUs) Enterococcus Species 2. 1 Colonies (CFUs) Micrococcus Species	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 1 2. 8 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
503(A)	Bedside Table - around edges (non vanity side)	6360	1	3	5	7	31	29	29	1. 7 Colonies (CFUs) Enterococcus Species 2. Colonies (CFUs) Staphylococcus Aureus 3. 1 Colonies (CFUs) Micrococcus Species	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 3 Colonies (CFUs) Micrococcus Species	0	0	0
503(A)	Bathroom Lightswitch (in or out)	28	59	94	6	7	14	18	18	1.No Growth Day 4	n/a	0	0	0
503(A)	Bathroom Door Handle (outside)	71	121	21	15	19	20	24	24	1.No Growth Day 4	n/a	0	0	0
503(A)	Handicap Rail (RH)	48	0	8	14	21	9	15	15	1.No Growth Day 4	n/a	0	0	0
618	Left-ousside Bedrail Controls (patient perspective)	10	0	0	0	14	1	6	6	1.No Growth Day 4	n/a	0	0	0
618	Left Sink Handle (top)	9	1	10	0	6	1	2	2	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
618	Exterior Door Handle	4	30	39	2	3	14	19	19	1.No Growth Day 4	n/a	0	0	0
618	Visitor Chair (tagged) Right Armrest	6	1	1	0	n/a	n/a	n/a	n/a	1. 15 Colonies (CFUs) Staphylococcus Aureus 2. 3 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 1 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Micrococcus Species	0	0	0
618	Bedside Table - around edges (non vanity side)	64	9	11	1	2	0	n/a	n/a	1. 9 Colonies (CFUs) Micrococcus Species 2. 9 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
618	Bathroom Lightswitch (in or out)	4	0	0	2	0	5	2	2	1. 2 Colonies (CFUs) Enterococcus Species 2. 1 Colonies (CFUs) Coagulase Negative Staphylococcus	1. 8 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 3 Colonies (CFUs) Coagulase Negative Staphylococcus	0	0	0
618	Bathroom Door Handle (outside)	23	6	9	0	0	17	20	20	1.No Growth Day 4	n/a	0	0	0
618	Handicap Rail (RH)	2	1	0	0	16	2	8	8	1. 20 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 20 Colonies (CFUs) Coagulase Negative Staphylococcus NUMBER 2 3. 2 Colonies (CFUs) Micrococcus Species	n/a	0	0	0

**Category E: Continued application of My-shield® Sanitizer/Disinfectant treatment applied with a combination of electrostaticapplicator & wipes forming part of the routine cleaning & disinfection with My-shield® for 26 days) (continued)**

Room Number	Object Being Tested	Baseline	Day 2	Day 2	Day 4	1 Week	2 Weeks	3 Weeks	Baseline Culture	Re-Culture	Re-Culture	Re-Culture	Re-Culture
		1/6/10 & 1/7/10	1/8/10	1/9/10	1/11/10	1/13/10	1/20/10	1/27/10	1/6/10	1/13/10	1/20/10	1/27/10	1/27/10
620	Left-outside Bedrail Controls (patient perspective)	346	13	10	2	5	13	9	1. No Growth Day 4	n/a	0	0	0
620	Left Sink Handle (top)	36	4	13	9	3	11	10	1. No Growth Day 4	n/a	0	0	0
620	Exterior Door Handle	49	3	5	0	8	8	6	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
620	Visitor Chair (tagged) Right Armrest	486	n/a	n/a	n/a	5	n/a	n/a	1. 9 Colonies (CFUs) Micrococcus Species 2. 3 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
620	Bedside Table - around edges (non vanity side)	2699	7	25	3	6	19	n/a	1. 10 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
620	Bathroom Lightswitch (in or out)	38	2	7	0	6	3	7	1. 2 Colonies (CFUs) Coagulase Negative Staphylococcus	n/a	0	0	0
620	Bathroom Door Handle (outside)	48	3	19	2	0	9	1	1. 7 Colonies (CFUs) Coagulase Negative Staphylococcus 2. 1 Colonies (CFUs) Micrococcus Species	n/a	0	0	0
620	Handicap Rail (RH)	33	15	56	0	2	4	5	1. No Growth Day 4	n/a	0	0	0
<b>OVERALL AVERAGE FOR THIS CATEGORY</b>		<b>352.6</b>	<b>13.8</b>	<b>17.5</b>	<b>3.7</b>	<b>7.1</b>	<b>8.8</b>	<b>11.5</b>					







