

## SUPPLEMENTARY DIGITAL CONTENT

### TABLES

Sampling Trial	Method	Min	Median	Max	p-Value
Before Cleaning	Terminal (n = 56)	3.595	5.061	5.561	0.900
	Tandem (n = 56)	3.993	5.059	5.741	
After Cleaning	Terminal (n = 56)	LOD	3.27	4.993	0.000 *
	Tandem (n = 56)	LOD	LOD	3.123	

Table 1. Log<sub>10</sub> (CFU/cm<sup>2</sup>) distribution bacterial seed concentrations per targeted surface in a hospital room before and after terminal and tandem cleaning protocols.

LOD is -0.459 log<sub>10</sub> (CFU/cm<sup>2</sup>). \*p< 0.050

Surface	Method	Min	Median	Max	p-Value
Chair (n = 4)	Terminal	1.665	2.693	3.421	0.020*
	Tandem	LOD	-0.034	1.224	
Wall (n = 4)	Terminal	0.733	2.981	3.439	0.014
	Tandem	LOD	LOD	LOD	
Floor (n = 4)	Terminal	0.470	3.165	4.203	0.038
	Tandem	LOD	LOD	2.405	
Bedside Table (n = 4)	Terminal	LOD	1.602	3.780	0.321
	Tandem	LOD	LOD	-0.007	
Remote (n = 4)	Terminal	2.429	3.221	3.504	0.020*
	Tandem	LOD	-0.034	1.283	
Bedrail (n = 4)	Terminal	LOD	LOD	3.791	0.317
	Tandem	LOD	LOD	LOD	
IV Pole (n = 4)	Terminal	3.408	3.944	4.782	0.020*
	Tandem	LOD	0.589	3.123	
Under bed (n = 4)	Terminal	LOD	3.466	4.538	0.091
	Tandem	LOD	LOD	2.061	
Sink faucet (n = 4)	Terminal	1.733	2.925	4.256	0.076
	Tandem	LOD	LOD	2.469	
Bathroom faucet (n = 4)	Terminal	3.272	3.903	4.783	0.018*
	Tandem	LOD	LOD	2.480	
Flush handle (n = 4)	Terminal	LOD	LOD	4.595	0.317
	Tandem	LOD	LOD	LOD	
Shower handle (n = 4)	Terminal	LOD	-0.145	2.950	0.130
	Tandem	LOD	-0.458	LOD	
Door handle out (n = 4)	Terminal	LOD	3.711	4.993	0.091
	Tandem	LOD	LOD	0.896	
Bathroom door (n = 4)	Terminal	0.896	3.494	3.950	0.014
	Tandem	LOD	LOD	LOD	

Table 2. Log<sub>10</sub> (CFU/cm<sup>2</sup>) distribution bacterial seed concentrations per targeted surface in a hospital room after terminal and tandem cleaning protocols.

LOD is -0.459 log<sub>10</sub> (CFU/cm<sup>2</sup>). \*p< 0.050

<b>Areas</b>	<b>Method</b>	<b>Min</b>	<b>Median</b>	<b>Max</b>	<b>p-Value</b>
Patient (n = 16)	Terminal	LOD	3.214	4.538	0.005*
	Tandem	LOD	LOD	2.061	
Patient and Visitor (n = 20)	Terminal	LOD	3.342	4.993	0.000*
	Tandem	LOD	LOD	3.123	
Bathroom and Sink (n = 20)	Terminal	LOD	3.109	4.783	0.000 *
	Tandem	LOD	LOD	2.480	

Table 3.  $\text{Log}_{10}$  (CFU/cm<sup>2</sup>) distribution bacterial seed concentrations targeted hospital room areas after Terminal and Tandem cleaning protocols.

LOD is  $-0.459 \log_{10}$  (CFU/cm<sup>2</sup>). \* $p < 0.050$