Copyright © by The Journal of Bone and Joint Surgery, Incorporated Shakir et al. Investigation of Cell Phones as a Potential Source of Bacterial Contamination in the Operating Room http://dx.doi.org/10.2106/JBJS.N.00523 Page 1 of 2

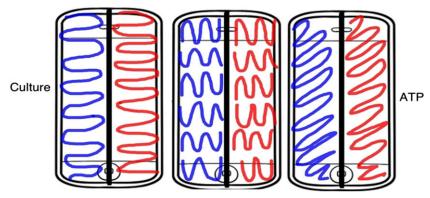


Fig. E-1 Swabbing technique used on each phone for both ATP and bacterial cultures. We first used an overlapping "S" pattern with horizontal strokes, then vertical "S" strokes, and finally diagonal "S" strokes.

	Relative Risk*	P Value
Cutoff of 500 relative light units		
Initial swab	6.50 (3.44 to 12.30)	0.03
After disinfection	0.92 (0.85 to 1.00)	0.78
One week later	2.88 (1.17 to 7.11)	0.053
Cutoff of 250 relative light units		
Initial swab	6.50 (3.44 to 12.30)	0.03
After disinfection	1.23 (0.86 to 1.75)	0.67
One week later	2.13 (0.49 to 9.23)	0.40

Copyright  $\ensuremath{@}$  by The Journal of Bone and Joint Surgery, Incorporated Shakir et al.

Investigation of Cell Phones as a Potential Source of Bacterial Contamination in the Operating Room http://dx.doi.org/10.2106/JBJS.N.00523

Page 2 of 2

TABLE E-2 Demographic Data		
Demographic Characteristic	No. of Participants	P Value
Sex		0.59
Male	41	
Female	12	
Level of training		0.20
Attending physician	20	
Resident	33	
Case		0.11
Had no case	14	
Had a case	39	
Case surface		0.17
Smooth	26	
Rough	13	
Phone size		0.73
<4.9 inches (<12.5 cm)	19	
4.9 inches (12.5 cm)	27	
>4.9 inches (>12.5 cm)	7	