Supplementary Materials for

**Implementation Lessons Learned from the Benefits of Enhanced Terminal Room (BETR) Disinfection Trial - Process and Perceptions of Enhanced Disinfection with UV Devices**

**Supplementary Table 1. Checklist for Improved Utilization of Enhanced Terminal Room Disinfection Strategies**

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| **Checklist Item** |
| 1. Obtain administrative support for use of enhanced terminal room disinfection
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| 1. Identify EVS and Infection Control champions
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| 1. Educate Bed Control – prioritize safety of patients
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| 1. Develop strategy for improved communication between EVS and Bed Control, potentially including
	1. Daily discussion of potential discharges
	2. Regular review of missed opportunities and/or prolonged cleaning times
 |
| 1. Educate EVS housekeepers and supervisors. Re-educate at regular intervals due to staff turnover.
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| 1. Review logistics of cleaning protocols, including
	1. How EVS will identify target rooms
	2. Who will be responsible for transport of machines
	3. Who will be responsible for use of machines
	4. Who will be responsible for routine maintenance of the machines
 |
| 1. Develop contingency planning for enhanced terminal disinfection during high volume shifts and hours
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| 1. Develop a standardized response to potential complaints about chemicals or machine (e.g., odor)
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| 1. Develop a system to monitor and feedback cleaning compliance, potentially including
	1. Formalized data reports
	2. Regular “collaborative calls” between EVS and Infection Control to trouble shoot problem areas and devise solutions
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| 1. Develop a system to monitor and feedback compliance with use of UV-C device, including review and discussion of eligible rooms that were missed
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\*EVS = environmental services

**Supplementary** **Figure 1. Compliance\* with use of the UV-C device in 9 study hospitals in the Benefits of Enhanced Terminal Room (BETR) Disinfection Study**

FOOTNOTE: \*Data are provided as proportion of successful uses of the UV-C device in eligible rooms during the 28-month study period