**Table S1**: the percentage of objects contamination by CRAB after intensive cleaning (before and after refresher training).

|  |  |  |
| --- | --- | --- |
| **Objects** | **Before refresher training** | **After refresher training** |
| **Total** | **Positive, n (%)** | **Total** | **Positive, n (%)** |
|  ***High-touch I*** |  |  |
| 1 | Bedrail | 7 | 5 (71%) | 21 | 13 (62%) |
| 2 | IV pole | 1 | 0 (0%) | 5 | 2 (40%) |
| 3 | Bed linen |  |  | 7 | 2 (29%) |
| ***High-touch II*** |  |  |
| 4 | Medical gas and electrical outlets | 14 | 11 (79%) | 21 | 7 (33%) |
| 5 | Infusion bottle hook | 10 | 7 (70%) | 28 | 4 (14%) |
| 6 | Patient lamp |  |  | 7 | 5 (71%) |
| 7 | Personal bedside table | 14 | 12 (86%) | 21 | 12 (57%) |
|  ***High-touch III***  |  |  |
| 8 | Arm chair | 2 | 2 (100%) | 6 | 3 (50%) |
| 9 | Chair | 5 | 5 (100%) | 7 | 4 (57%) |
| 10 | Curtain |  |  | 11 | 6 (55%) |
| ***Equipment surfaces***  |  |  |  |
| 11 | Monitor | 14 | 11 (79%) | 21 | 8 (38%) |
| 12 | IV pump | 10 | 7 (70%) | 9 | 1 (11%) |
| 13 | Ventilator | 3 | 2 (67%) | 15 | 3 (20%) |
| 14 | blood pressure monitor  |  |  | 1 | 0 (0%) |
| 15 | Stethoscope |  |  | 4 | 2 (50%) |
| 16 | Medical air mattress pump |  |  | 7 | 3 (43%) |
|  | **Total** | 80 | 62 (78%) | 191 | 75 (39%) |