### Multimedia Appendix 1: Items from the World Health Organization Trial Registration Data Set

| Data Category                     | Information                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Trial Identifier                 | ClinicalTrials.gov NCT03309137                                                                                                               |
| Date of registration             | October 13, 2017                                                                                                                             |
| Secondary Identifying Numbers    | HIREB Project Number: 3654                                                                                                                   |
| Sources of Monetary and Material Support | ICU Medical  
ATTWILL                                                                                                                                 |
| Primary Sponsor                  | ICU Medical                                                                                                                                |
| Public Title                     | Pilot trial for a chlorhexidine locking device                                                                                               |
| Scientific Title                 | Chlorhexidine locking device for central line infection prevention in ICU patients: Study protocol for an open-label, randomized, pilot feasibility trial |
| Countries of Recruitment         | Canada                                                                                                                                     |
| Health Condition Studied         | Central-Line Associated Bloodstream Infection (CLABSI)                                                                                      |
| Intervention                     | Intervention group: CHG locking device, ChloraLock<sup>Tm</sup>  
Control group: usual care                                                          |
| Inclusion and Exclusion Criteria | Inclusion: Adults (>18) within 72 hours of ICU admission and with a central line expected to remain in situ for at least 72 hours.  
Exclusion: Suspected infection with antibiotic treatment, chronic indwelling catheters, poor prognosis, and chlorhexidine allergy. |
| Study Type                       | Interventional, randomized, open-label, feasibility study.                                                                                   |
| Date of First Enrollment         | November 2017                                                                                                                              |
| Target Enrollment                | 100                                                                                                                                         |
| Recruitment Status               | Recruiting                                                                                                                                |
| Primary Outcomes                 | Recruitment rate, consent rate, protocol adherence, comfort level.                                                                           |
| Secondary Outcomes               | Central line colonization, bacteremia, clinical end points.                                                                                   |