Appendix Table C5c(2). Cost/savings outcomes for CLABSI which control for secular trend or confounding

| **Study** | **Infection** | **Intervention(s)** | **Pre-intervention Cost** | **Post-Intervention Cost** | **Cost Statistical Analysis** | **Savings from QI Intervention** | **Follow-up (months)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Apisarnthanarak, Thailand - 2010 | CLABSI | Period 3: Intensified hand hygiene promotion plus CLABSI bundle |  |  |  |  |  |
| Barsuk, United States - 2009 | CLABSI | CVC Insertion Simulation |  |  |  |  |  |
| Costello, United States - 2008 | CLABSI | Full Intervention: Pediatric Multidisciplinary CLABSI Bundle |  |  |  | $236,000-$782,000 |  |
| DePalo, United States - 2010 | CLABSI;VAP | CLABSI Education Program and Bundle |  |  |  | Cumulative cost savings: $2,016,592 |  |
| Duane, United States - 2009 | CLABSI | Group 3: Central venous line (CVL) protocol + CVL supply cart + nurse education + nurse checklist and nurse empowerment |  |  |  | Group2 (vs. Group1): $19,615.70 hospital charges per patient; Group3 (vs. Group1): $28,391.87 hospital charges per patient |  |
| Khouli, United States - 2011 | CLABSI | Simulation-based sterile technique training |  |  |  |  |  |
| McKee, United States - 2008 | CLABSI | CLABSI education, cart, checklist, and nurse empowerment |  |  |  |  |  |
| Miller, United States - 2010 | CLABSI | Bundle - CLABSI |  |  |  |  |  |
| Perez Parra, Spain - 2010 | CLABSI | CLABSI Education |  |  |  |  |  |
| Pronovost, United States - 2010 | CLABSI | Conceptual Model - CDC CLABSI Bundle |  |  |  |  |  |
| Scales, Canada - 2011 | CLABSI;VAP | Bundle - CLABSI, VAP |  |  |  |  |  |
| Schulman, United States - 2011 | CLABSI | Bundle - CLABSI |  |  |  |  |  |
| Seguin, France - 2010 | CAUTI;CLABSI | Physician reminder of catheter duration |  |  |  |  |  |
| Zingg, Switzerland - 2009 | CLABSI | Educational Program for catheter care and hand hygiene |  |  |  |  |  |