

**Table 1. Baseline Characteristics, diagnoses and admitting service for study cohorts**

|                          | Pre-implementation,<br>N (%)<br>N = 112 | Post-<br>implementation, N<br>(%)<br>N = 114 | p-<br>value |
|--------------------------|---|--|-------------|
| <b>Gender</b>            |   |  | 0.69        |
| Male                     | 55 (49.1%)                              | 59 (51.8%)                                   |             |
| Female                   | 57 (50.9%)                              | 55 (48.2%)                                   |             |
| <b>Race</b>              |   |  | 0.22        |
| Caucasian                | 98 (87.5%)                              | 94 (82.5%)                                   |             |
| African American         | 11 (9.82%)                              | 11 (9.65%)                                   |             |
| Other                    | 3 (2.68%)                               | 9 (7.89%)                                    |             |
| <b>Ethnicity</b>         |   |  | 0.62        |
| Not Hispanic /Latino     | 110 (98.2%)                             | 113 (99.1%)                                  |             |
| Hispanic /Latino         | 2 (1.79%)                               | 1 (0.88%)                                    |             |
| <b>Age</b>               |   |  | 0.44        |
| Years, Median (Q1, Q3)   | 10.0 (3.7, 14.2)                        | 9.4 (4.9, 13.6)                              |             |
| Appendicitis             | 44 (39.3%)                              | 55 (48.2%)                                   | 0.17        |
| Osteomyelitis            | 12 (10.7%)                              | 4 (3.51%)                                    | 0.035       |
| Septic Arthritis         | 5 (4.46%)                               | 6 (5.26%)                                    | 0.78        |
| Periorbital cellulitis   | 13 (11.6%)                              | 7 (6.14%)                                    | 0.15        |
| Orbital cellulitis       | 2 (1.79%)                               | 2 (1.75%)                                    | >0.99       |
| Lymphadenitis            | 2 (1.79%)                               | 2 (1.75%)                                    | >0.99       |
| Fever and Neutropenia    | 10 (8.93%)                              | 10 (8.77%)                                   | 0.97        |
| UTI                      | 23 (20.5%)                              | 28 (24.6%)                                   | 0.16        |
| <b>Admitting Service</b> |   |  | 0.008       |
| Hospital Medicine        | 58 (52.7%)                              | 38 (33.3%)                                   |             |
| Peds Surgery             | 42 (38.2%)                              | 54 (47.4%)                                   |             |
| PICU                     | 2 (1.82%)                               | 11 (9.65%)                                   |             |
| Hematology/Oncology      | 7 (6.36%)                               | 8 (7.02%)                                    |             |
| Other                    | 3 (2.67%)                               | 3 (2.63%)                                    |             |