**Table 1. Demographics, Surgical Characteristics, and Postoperative Findings\***

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| --- | --- | --- | --- | --- |
|  | **Total (n =1798)** | **Postoperative Prophylactic Antibiotics**  **(n=898)** | **No Antibiotics (n=900)** | **p-value** |
| **DEMOGRAPHICS** | | | | |
| **Age - yrs** | 62.1± 13.5 | 63.2 ± 13.2 | 61.0 ± 13.7 | <0.001 |
| **Race - no. (%)** | | | | 0.2 |
| White | 1487 (82.7) | 742 (82.6) | 745 (82.8) |
| Non-White | 274 (15.2) | 147 (16.4) | 127 (14.1) |
| Not Documented | 37 (2.1) | 9 (1.0) | 28 (3.1) |
| **Body Mass Index - kg/m2** | 31.3 ± 7.9 | 31.2 ± 7.5 | 31.5 ± 8.2 | 0.4 |
| **Diabetes - no. (%)** | 259 (14.4) | 126 (14.0) | 133 (14.8) | 0.5 |
| **Hemoglobin A1c - mg/dL** | 6.2 ± 1.1 | 6.23 ± 1.1 | 6.2 ± 1.1 | 0.6 |
| **MRSA Colonization - no. (%)** | 22 (1.2) | 6 (0.7) | 16 (1.8) | 0.2 |
| **SURGICAL CHARACTERISTICS** | | | | |
| **Procedure - no. (%)** | | | |  |
| Staged Procedure | 968 (53.8) | 520 (57.9) | 448 (49.8) | <0.001 |
| Full System Implant | 450 (25.0) | 186 (20.7) | 264 (29.3) | <0.001 |
| Full System Replacement/IPG Alone | 380 (21.1) | 192 (21.4) | 188 (20.9) | 0.8 |
| **Days between Staged Procedure** | 11.4 ± 4.50 | 11.3 ± 4.4 | 11.6 ± 4.6 | 0.4 |
| **Stage I Infection - no. (%)** | 15 (1.0) | 5 (0.7) | 10 (1.4) | 0.2 |
| **PNE Infection - no (%)** | 4 (0.3) | 3 (0.4) | 1 (0.2) | 0.4 |
| **Intraoperative Antibiotics - no. (%)** | | | | |
| Cephalosporin | 1051 (58.6) | 522 (58.1) | 529 (59.0) | 0.7 |
| Glycopeptides | 444 (24.5) | 224 (24.9) | 219 (24.4) | 0.8 |
| Aminoglycoside | 403 (22.5) | 167 (18.6) | 236 (26.3) | <0.001 |
| Clindamycin | 68 (3.8) | 34 (3.8) | 34 (3.8) | >0.99 |
| Metronidazole | 68 (3.8) | 10 (1.1) | 58 (6.5) | 0.001 |
| Fluoroquinolone | 48 (2.7) | 16 (1.8) | 32 (3.6) | 0.1 |
| None | 14 (0.8) | 4 (0.4) | 10 (1.1) | 0.1 |
| Other | 9 (0.5) | 5 (0.6) | 4 (0.4) | 0.1 |
| Not Documented | 128 (7.1) | 87 (9.7) | 41 (4.6) | 0.1 |
| **POSTOPERATIVE FINDINGS** | | | | |
| **Surgical Site Infection - no. (%)** | 67 (3.7) | 32 (3.6) | 35 (3.9) | 0.8 |
| **Positive Culture - no. (%)** | 17 (1.0) | 8 (0.9) | 9 (1.0) | >0.99 |
| **SSI-Associated Explantation of Device/Leads - no. (%)** | | | | |
| Total | 43 (2.4) | 18 (2.0) | 25 (2.8) | 0.2 |
| Battery & Lead Removal | 39 (2.2) | 15 (1.7) | 24 (2.7) |
| Battery Alone | 4 (0.2) | 3 (0.3) | 1 (0.1) |
| \*Plus-minus values are means of ± SD, unless otherwise specified.  Percentages may not add to 100 due to rounding. | | | | |