**Supplemental Table 3.** **Treatment Outcomes by Category of CO**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CoF | | | PHCO | | | PACO | | | Trauma-Associated | | | Hardware-Associated | | |
|  | Treat-ment Failure, n=9 | Treat-ment Success n=13 | P | Treat-ment Failure, n=7 | Treat-ment Success, n=33 | P | Treat-ment Failure, n=5 | Treat-ment Success, n=16 | P | Treat-ment Failure, n=6 | Treat-ment Success, n=12 | P | Treat-ment Failure, n=3 | Treat-ment Success, n=10 | P |
| Surgery Performed | 9 (100) | 7 (53.8) | 0.046 | 4 (57.1) | 23 (69.7) | 0.66 | 4 (80) | 5 (31.3) | 0.12 | 5 (83.3) | 10 (83.3) | 1 | 3 (100) | 4 (40) | 0.19 |
| Coverage of Decubiti | 6 (66.7) | 4 (30.7) | 0.19 | n/a | n/a |  | n/a | n/a |  | n/a | n/a |  | n/a | n/a |  |
| Partial/Total Hardware Retention | n/a | n/a |  | n/a | n/a |  | n/a | n/a |  | n/a | n/a |  | 1 (33.3) | 4 (40) | 1 |
| Early Transition to PO Antibiotics | 5 (55.6) | 9 (69.2) | 0.66 | 4 (57.1) | 19 (57.6) | 1 | 2 (40) | 6 (37.5) | 1 | 4 (66.7) | 9 (75) | 1 | 1 (33.3) | 6 (60) | 0.56 |
| Duration of IV Antibiotics, days\* | 28  (18-56) | 13.8  (3-42) | 0.22 | 18  (3-41) | 9.5  (4-37) | 0.71 | 55.5  (23-77) | 39.5  (11-42) | 0.35 | 5  (3-10) | 5  (4-30) | 0.51 | 6  (5-42) | 6  (5-42) | 1 |
| Duration of Total Antibiotics, days | 238 (180-394) | 180 (130-180) | 0.04 | 365 (120-425) | 180 (120-365) | 0.27 | 335 (295-575) | 293 (180-362) | 0.17 | 233.5 (58-330) | 90  (67-270) | 0.03 | 194 (113-275) | 230 (136-417) | 0.79 |
| Total Treatment > 120 days | 9 (100) | 7 (53.8) | 0.046 | 4 (57.1) | 23 (69.6) | 0.6 | 5 (100) | 13 (81.3) | 0.55 | 4 (66.7) | 5 (41.7) | 0.62 | 1 (33.3) | 6 (60) | 0.56 |
| *S. aureus* | 2 (22.2) | 4 (30.7) | 1 | 1 (14.3) | 10 (30.3) | 0.65 | 4 (80) | 16 (100) | 0.24 | 2 (33.3) | 5 (41.7) | 1 | 0 | 1 (10) | 1 |
| *Pseudomonas* | 4 (44.4) | 3 (23.1) | 0.37 | 0 | 0 |  | 0 | 0 |  | 0 | 1 (8.3) | 1 | 0 | 0 |  |
| Polymicrobial Infection | 5 (55.6) | 5 (38.5) | 0.67 | 0 | 4 (12.1) | 1 | 0 | 0 |  | 1 (16.7) | 5 (41.7) | 0.6 | 0 | 4 (40) | 0.49 |

\*Duration of treatment presented as median with interquartile range. CoF- continguous focus. PHCO- primary hematogenous chronic osteomyelitis. PACO- post-acute chronic osteomyelitis