|  |  |
| --- | --- |
| Questions | Possible answers |
| Was an IIID used? | Yes/no |
| Were all the samples taken? | Yes/no to all four samples individually |
| Did the IIID separate from the skin? | (1 = no separation, 2 ≤ 5 mm, 3 ≤ 10 mm, 4 ≤ 20 mm, 5 ≤ 50 mm, 6 ≤ 100 mm, and 7 ≥ 100 mm) |
| Did any bubbles form under the IIID?? | Yes/no |
| Type of arthroplasty? | MUKA, LUKA, PFA, TKA |
| Indication for surgery? | RA, osteoarthrosis, other |
| Need to exclude patient? | Yes/no |

**Appendix Table 1.** Postoperative questions for surgeons

MUKA = Medial unicompartmental knee arthroplasty; LUKA = lateral unicompartmental knee arthroplasty; PFA = patellofemoral arthroplasty; RA = rheumatoid arthritis.

**Appendix Table 2.** Number of patients with at least one bacterial isolate

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Microorganism | Sample 1 | Sample 2 | Sample 3 | Sample 4 |
| Coagulase-negative staphylococci | 60% (707/1187) | 3%  (40/1187) | 3%  (37/1187) | 5%  (64/1187) |
| Micrococcus | 22% (260/1187) | 0.4% (5/1187) | 0.1% (1/1187) | 0.8% (10/1187) |
| Gram-positive rods | 13% (155/1187) | 0.5% (6/1187) | 0.5% (6/1187) | 0.4%  (5/1187) |
| Gram-negative rods | 8%  (95/1187) | 0.3  (3/1187) | 0.1% (1/1187) | 0.3%  (3/1187) |
| Other gram-positive cocci | 5%  (54/1187) | 0.7% (8/1187) | 0.1% (1/1187) | 0.3%  (4/1187) |
| *Staphylococcus* | 1%  (16/1187) | 0 | 0 | 0 |
| Gram-negative cocci | 0 | 0 | 0 | 0.1%  (1/1187) |
| Unidentified mixed cultures | 9% (108/1187) | 0 | 0 | 0 |
| Unidentified | 0.1% (1/1187) | 0 | 0 | 0 |

Patients with ≥ 1 isolate per sample. Patients had from 0 to 8 bacterial isolates per sample.