

TABLE E-1 Primary Procedure, Results of Laboratory Measurements of Inflammatory Markers, and Culture Results for All Patients

Case	Primary Procedure*	Laboratory Value†				Organism
		IL-6 (pg/mL)	CRP (mg/L)	ESR (mm/hr)	WBC ($\times 10^9$)	
1	TSA	0.72	7.3	5	8.1	
2	HA	<5	0.9	35	4.6	<i>P. acnes</i> , <i>Staphylococcus saccharolyticus</i> ‡
3	TSA	45.12	3.5	6	4.9	<i>P. acnes</i>
4	HA	<5	0.8	12	5.3	
5	HA	<5	1.59	19	6.1	
6	HA	287	1.4	8	11	<i>P. acnes</i>
7	RTSA	<5	1.6	42	8.1	
8	RTSA	<5	1.1	21	9.9	<i>P. acnes</i>
9	HA	<5	<0.5	2	6.1	<i>P. acnes</i>
10	RTSA	<5	<0.5	12	5.6	
11	RTSA	<5	3.6	58	7.5	
12	HA	<5	1.2	55	8.6	
13	RTSA	<5	<0.5	8	4.4	Coagulase-negative <i>Staphylococcus</i>
14	HA	<5	1.3	19	8.4	
15	HA	<5	3.4	6	7.9	<i>P. acnes</i>
16	TSA	<5	0.3	0	4.4	<i>P. acnes</i>
17	TSA	<5	1.8	7	7	<i>P. acnes</i>
18	TSA	1.04	1.6	4	4	
19	TSA	2.21	6.4	22	8	
20	RTSA	<5	3.9	36	7.6	
21	RTSA	<5	<0.5	5	4.5	Coagulase-negative <i>Staphylococcus</i> , <i>Clostridium perfringens</i> ‡
22	HA	<5	<0.5	8	6.5	
23	HA	<5	<0.5	11	4.9	
24	TSA	<5	<0.5	13	8.7	
25	TSA	<5	<0.5	9	6.1	Coagulase-negative <i>Staphylococcus</i>
26	HA	<5	0.8	79	8	
27	HA	<5	0.9	6	7.6	
28	RTSA	<5	3.7	58	6.3	
29	TSA	98	0.8	18	7.9	
30	RTSA	5.32	8.2	53	4.7	
31	RTSA	8.36	11.8	10	14.4	
32	TSA	<5	0.7	34	7.2	Methicillin-resistant <i>S. aureus</i> , <i>S. aureus</i> ‡
33	TSA	<5	3.3	44	9.3	<i>P. acnes</i>
34	HA	<5	<0.5	7	9.8	Coagulase-negative <i>Staphylococcus</i>

*TSA = total shoulder arthroplasty, RTSA = reverse total shoulder arthroplasty, and HA = hemiarthroplasty. †Cutoff values, above which a patient was considered to have an infection, for IL-6, CRP, white blood cell count, and ESR were 10 pg/mL, 10 mg/L, 11.0×10^9 , and 30 mm/hr, respectively. Values with less-than symbols were reported as such by the laboratory. ‡Co-infection.