

TABLE E-1

Case	Acuity of Infection	Organism Recovered from Aspirate*	Organism Recovered at Time of Surgery*	Initial Treatment†	Antibiotic Suppression	Additional Surgery†
Patients Managed Initially with Attempted Prosthetic Retention						
1	< 1 week	MSSA	MSSA	I & D	Yes	Bilateral Resection Arthroplasty
2.	< 1 week	None	Streptococcus (Penicillin Sensitive)	I & D	Yes	None
3.	< 1 week	MSSA	MSSA	I & D	Yes	Bilateral Resection Arthroplasty
4.	< 3 weeks	MSSA	MSSA	I & D	Yes	Bilateral Resection Arthroplasty followed by bilateral reimplantation
5.	< 3 weeks	MSSA	MSSA	I & D	None	Bilateral Resection Arthroplasty
6.	< 24 hours	Streptococcus (Penicillin Sensitive)	Streptococcus (Penicillin Sensitive)	I & D	Yes	Bilateral Repeat I & D
7.	< 24 hours	None	None	I & D	Yes	Resection Arthroplasty
8.	< 3 weeks	MSSA	MSSA	I & D	Yes	None
9.	< 1 week	None	MSSA	I & D	Yes	Bilateral Resection Arthroplasty followed by bilateral reimplantation
10.	< 3 weeks	MSSA	MSSA	I & D	Yes	Bilateral AKA
11.	< 24 hours	MSSA	MSSA	I & D	Yes	Bilateral Resection Arthroplasty
Patients Managed Initially with Bilateral Resection Arthroplasty						
12.	< 1 week	Streptococcus (Penicillin Sensitive)	Streptococcus (Penicillin Sensitive)	Resection	None	None
13.	< 1 week	Streptococcus (Penicillin Sensitive)	Streptococcus (Penicillin Sensitive)	Resection	None	None
14.	< 1 week	MSSA	MSSA	Resection	None	Bilateral Reimplantation
15.	< 1 week	None	MSSA	Resection	None	Bilateral Reimplantation
16.	< 1 week	None	None	Resection	None	Bilateral Reimplantation
17.	< 1 week	None	None	Resection	None	Bilateral Reimplantation
18.	< 1 week	None	None	Resection	None	None
19.	< 3 weeks	None	Streptococcus (Penicillin Resistant)	Resection	None	Bilateral Reimplantation
20.	< 1 week	MSSA	None	Resection	None	Bilateral Reimplantation
21.	< 24 hours	Streptococcus (Penicillin Sensitive)	Streptococcus (Penicillin Sensitive)	Resection	None	Bilateral Reimplantation

*MSSA = methicillin-sensitive *Staphylococcus aureus*. †I & D = irrigation and débridement, and AKA = above-the-knee amputation.