

TABLE E-1*

Case	Prosthesis	Operation	Intraoperative PCR			Culture	Histopathological Evaluation	
			MRS-Specific	Universal	Melting Peak (°C)		Frozen Section	Permanent Section
1	Hip	Revision (two-stage)	—	NA		—	—	—
2	Hip	Revision (two-stage)	—	NA		—	—	—
3	Hip	Implant removal	—	NA		MRS	+	+
4	Hip	Implant removal	+	+	63.4	MRSA	+	+
5	Hip	Implant removal	+	NA		MRSE	+	+
6	Hip	Implant removal	+	NA		MRSE	+	+
7	Hip	Revision (two-stage)	—	NA		—	—	—
8	Hip	Implant removal	—	+	NA	—	—	+
9	Knee	Implant removal	+	—		MRSA	+	+
10	Knee	Revision (two-stage)	—	—		—	—	—
11	Hip	Revision (one-stage)	—	—		—	—	—
12	Hip	Revision (two-stage)	—	—		—	—	—
13	Hip	Revision (one-stage)	—	+	NA	—	—	—
14	Hip	Implant removal	—	+	61.6	Streptococcus	+	+
15	Knee	Revision (two-stage)	—	—		—	—	—
16	Knee	Implant removal	—	+	62.6	Streptococcus	+	+
17	Hip	Implant removal	—	+	63.2	S. aureus	+	+
18	Hip	Implant removal	+	+		—	+	+
19	Knee	Implant removal	—	+	63.2	S. aureus	+	+
20	Knee	Hydroxyapatite block replacement	—	—		—	—	—

21	Hip	Revision (two-stage)	–	+	63.9	–	–	–
22	Knee	Hydroxyapatite block replacement	–	–		MRS	–	–
23	Hip	Implant removal	+	+	NA	–	–	+
24	Hip	Revision (one-stage)	–	–		–	–	–
25	Hip	Implant removal	–	+	63.1	–	–	–
26	Hip	Implant removal	–	+	NA	–	–	+
27	Hip	Revision (two-stage)	–	–		–	–	–
28	Knee	Revision (two-stage)	–	–		–	–	–
29	Knee	Débridement	–	+	63.2	CNS	+	+
30	Hip	Revision (two-stage)	–	–		–	–	–

*PCR = polymerase chain reaction, MRS = methicillin-resistant *Staphylococcus*, NA = not applicable, MRSA = methicillin-resistant *Staphylococcus aureus*, MRSE = methicillin-resistant *Staphylococcus epidermidis*, and CNS = coagulase-negative *Staphylococcus*.