

Appendix

TABLE E-1 Individual Patient Characteristics and Details on Surgery, Bone Biopsy Results, and Wound-Healing*

Case	Sex	Age (yr)	DM	PAD	PEDIS	Revascularization	CRP (mg/L)	Cellulitis	Amputation	Wound Closure	Preop. Antibiotic Therapy	Culture	Histological Analysis	Postop. Antibiotic Therapy for Presumed OM	Wound-Healing
1	M	84	+	IV	7	PTA	5	-	Digital exartic.	Complete	+	+	-	+	Healed
2	F	89	-	I	7	PTA	5	+	Digital exartic.	Partial	+	-	-	-	Healed
3	F	83	+	I	6	-	5	+	Digital exartic.	Partial	+	-	-	-	Healed
4	M	83	+	IV	7	-	80	-	Digital exartic.	Partial	+	-	-	-	Healed
5	M	82	+	I	6	-	22	+	Digital exartic.	Left open	+	+	-	-	Further amputation
6	F	82	+	IV	6	PTA	11	-	Digital exartic.	Left open	-	-	-	-	Healed
7	M	80	+	IIb	6	PTA	46	-	Digital exartic.	Left open	+	+	-	+	Healed
8	M	73	+	I	6	PTA	16	-	Digital exartic.	Left open	+	+	-	+	Healed
9	F	95	-	I	5	PTA	4	-	Digital exartic.	Left open	-	+	+	-	Healed
10	M	75	-	III	7	PTA	64	-	Digital exartic.	Partial	+	-	-	-	Further amputation
11	M	74	+	I	7	-	247	+	Digital exartic.	Left open	+	+	+	+	Healed
12	M	75	+	I	6	PTA	34	-	Digital exartic.	Left open	-	-	-	-	Further amputation
13	F	84	+	IV	9	Bypass	175	+	Digital exartic.	Left open	+	-	-	-	Further amputation
14	M	74	+	IIb	6	PTA	0	+	Digital exartic.	Complete	-	-	-	-	Healed
15	F	74	+	IV	7	-	89	-	Digital exartic.	Partial	-	+	+	-	Further amputation
16	M	83	-	IV	7	Bypass	27	-	Digital exartic.	Partial	+	+	-	+	Healed

17	F	97	-	I	8	-	247	+	Digital exartic.	Complete	+	+	+	-	Further amputation
18	M	61	-	IV	8	Bypass	5	-	Digital exartic.	Partial	-	+	+	+	Healed
19	M	63	+	IV	6	Bypass	13	-	Digital exartic.	Complete	-	-	-	-	Healed
20	M	85	-	III	7	Bypass	14	-	Digital exartic.	Complete	-	-	-	-	Healed
21	F	76	+	I	5	-	249	+	Digital exartic.	Complete	-	+	-	+	Healed
22	F	79	+	IV	9	-	186	-	Digital exartic.	Complete	+	+	-	+	Further amputation
23	M	70	+	I	8	-	104	-	Digital exartic.	Left open	+	+	-	+	Healed
24	M	74	+	IV	7	Bypass	31	-	Digital exartic.	NI	-	+	-	+	Healed
25	M	47	-	IV	7	Bypass	1	-	Digital exartic.	Partial	-	-	-	-	Further amputation
26	M	84	+	IV	8	Bypass	55	+	Digital exartic.	NI	+	+	-	-	Further amputation
27	M	63	-	IIb	6	PTA	14	+	Digital exartic.	Partial	+	+	+	-	Healed
28	M	74	+	0	3	-	6	+	Digital exartic.	Complete	-	-	-	-	Healed
29	F	86	+	IIa	5	-	18	-	Digital exartic.	Partial	-	-	-	-	Further amputation
30	F	79	+	IV	7	-	44	-	Digital exartic.	Partial	-	-	-	-	Healed
31	M	49	+	IV	7	-	0	+	Digital exartic.	Complete	-	-	-	-	Further amputation
32	M	57	+	IV	8	Bypass	250	+	Digital exartic.	Partial	-	+	+	+	Healed
33	M	75	-	I	6	-	3	+	Digital exartic.	Complete	-	+	-	-	Healed
34	F	89	+	IV	9	PTA	143	+	Digital exartic.	Left open	-	+	+	+	Healed
35	M	74	+	IV	7	-	173	+	Digital exartic.	Complete	+	+	+	-	Healed

36	M	87	+	I	6	PTA	8	-	Digital exartic.	Complete	-	+	-	+	Healed
37	M	64	+	0	6	-	245	+	Digital exartic.	Left open	-	+	+	-	Healed
38	M	81	-	I	5	PTA	8	-	Digital exartic.	Partial	-	+	-	-	Healed
39	F	76	+	0	4	-	35	+	Digital exartic.	Complete	+	-	-	-	Healed
50	M	84	-	IV	9	Bypass	38	+	Transmetatarsal	Complete	+	-	+	+	Further amputation
40	M	77	+	IV	10	PTA	95	+	Transmetatarsal	Left open	+	+	-	-	Death
41	M	62	+	IV	9	PTA	169	+	Transmetatarsal	Complete	-	+	-	-	Further amputation
42	M	75	+	0	5	-	96	+	Transmetatarsal	Left open	+	+	-	+	Healed
43	M	68	+	IV	7	TEA/PTA	32	-	Transmetatarsal	Left open	+	+	-	-	Healed
44	M	82	+	IV	10	PTA	91	+	Transmetatarsal	Complete	+	+	-	-	Further amputation
45	F	84	-	IV	8	Bypass	36	-	Transmetatarsal	Complete	-	+	-	-	Healed
46	M	78	+	IV	7	PTA	42	-	Transmetatarsal	Partial	+	+	-	+	Healed
47	F	73	+	IV	8	Bypass	78	-	Transmetatarsal	Left open	-	-	+	-	Further amputation
48	M	85	+	NI	8	PTA	98	+	Transmetatarsal	Partial	+	+	-	+	Further amputation
49	M	75	-	IV	7	-	222	+	Transmetatarsal	Partial	+	+	+	-	Healed
51	M	72	-	IV	7	Bypass	95	+	Transmetatarsal	NI	+	+	+	-	Further amputation

*DM = diabetes mellitus, PAD = peripheral arterial disease, PTA = percutaneous transluminal angioplasty, OM = osteomyelitis, TEA = thrombendarterectomy, and NI = no information

TABLE E-2 Detailed Histological and Microbiological Characteristics

	Proximal Bone Biopsies (<i>no. (% of total)</i>)		
	All	Positive Histologically	Negative Histologically
Total	51 (100)	14 (27)	37 (73)
Positive culture			
Total	33 (65)	12 (24)	21 (41)
Polymicrobial	10 (20)	3 (6)	7 (14)
<i>S. aureus</i>	14 (28)	6 (12)*	8 (16)
Enterobacteriaceae†	10 (20)	1 (2)*	9 (18)
<i>P. aeruginosa</i>	4 (8)	3 (6)‡	1 (2)
Negative culture or only coag.-negative staphylococci	18 (35)	2 (4)*	16 (31)

*Includes 1 biopsy showing possible osteomyelitis (<5 neutrophilic granulocytes in any high-power field). †Includes *Escherichia coli*, *Klebsiella* species, *Proteus* species, *Serratia* species, and *Enterobacter* species. ‡Includes 2 biopsies showing possible osteomyelitis.