

Table SI. General characteristics of 55 patients with post-traumatic tibial osteomyelitis.

Patient no.	Age/sex	C-M classification	Defect size, cm	Previous surgery, n	Soft tissue coverage	Microbiology	Treatment type	Follow-up, months
1	45/M	IIIA	4.0	4	VAC, SG	-	EX	38
2	36/F	IIIB	5.0	2	-	<i>S. aureus</i>	EX	45
3	22/M	IIIA	4.1	2	-	-	EX	62
4	70/M	IIIB	8.2	4	-	<i>S. haemolyticus</i>	EX	50
5	24/F	IIIA	12.3	2	VAC	-	EX	32
6	56/M	IIIA	4.0	2	-	<i>S. aureus</i>	EX	42
7	35/M	IVA	7.0	2	-	-	EX	47
8	41/M	IIIA	4.9	2	-	<i>S. aureus</i>	EX	25
9	27/F	IIIA	4.1	2	-	-	EX	29
10	24/M	IVA	4.5	3	-	<i>E. coli</i>	EX	68
11	69/M	IIIB	4.4	2	-	<i>S. haemolyticus</i>	EX	43
12	47/M	IIIA	4.3	6	LMF	-	EX	34
13	32/M	IVB	8.3	2	-	-	EX	33
14	29/M	IIIA	4.9	3	-	<i>S. aureus</i>	EX	43
15	32/M	IVA	4.5	4	SG	-	EX	41
16	33/M	IIIA	4.4	4	SG	-	EX	28
17	47/F	IVB	8.0	4	-	-	EX	49
18	49/F	IIIA	9.4	4	LMF	<i>E. faecalis</i>	EX	43
19	53/M	IIIA	4.1	3	-	-	EX	52
20	41/M	IIIB	4.1	2	-	-	EX	56
21	45/M	IIIB	8.2	2	-	-	EX	29
22	31/M	IIIB	4.4	2	-	<i>S. aureus</i>	EX	55
23	35/M	IIIA	7.1	4	-	-	IX	45
24	36/M	IVA	4.3	3	VAC	-	IX	52
25	46/M	IIIA	5.0	3	-	-	IX	42
26	24/M	IIIB	4.9	5	SG	-	IX	46
27	66/F	IVA	4.0	7	LMF	<i>S. aureus</i>	IX	29
28	30/M	IIIB	8.3	3	-	-	IX	56
29	54/M	IIIB	4.4	4	VAC	<i>S. aureus</i>	IX	46
30	39/M	IIIA	9.0	2	SG	<i>S. aureus</i>	IX	43
31	48/M	IVA	4.2	3	-	-	IX	28

32	41/M	IIIA	8.0	4	-	-	IX	42
33	64/M	IIIB	5.1	3	-	<i>S. haemolyticus</i>	IX	26
34	61/F	IIIA	4.2	5	LMF	-	IX	34
35	18/M	IVA	8.1	3	-	<i>S. aureus</i>	IX	37
36	53/M	IIIB	4.0	4	-	-	LP	53
37	58/M	IIIA	4.9	3	VAC	-	LP	60
38	29/M	IIIA	4.6	4	-	-	LP	62
39	40/F	IVA	4.6	4	-	<i>S. aureus</i>	LP	55
40	66/M	IIIB	4.1	3	SG	-	LP	50
41	35/M	IIIA	5.1	3	-	-	LP	21
42	53/M	IVB	8.0	3	VAC, SG	<i>S. aureus</i>	LP	41
43	26/M	IIIA	4.3	2	-	-	LP	24
44	40/M	IVA	8.0	7	LMF	<i>P. aeruginosa</i>	LP	32
45	39/F	IVB	4.0	4	-	-	LP	38
46	53/M	IIIA	4.7	2	-	-	LP	28
47	26/M	IIIA	4.9	2	-	-	LP	41
48	57/M	IIIA	8.4	3	-	<i>S. aureus</i>	LP	40
49	46/F	IIIA	4.2	4	VAC, SG	-	LP	52
50	59/M	IVB	4.4	5	SG	<i>S. haemolyticus</i>	LP	32
51	70/M	IIIA	5.3	2	-	-	LP	33
52	23/M	IVA	4.0	2	-	-	LP	33
53	25/M	IIIB	5.2	4	-	<i>S. aureus</i>	LP	35
54	46/F	IIIB	4.2	3	LMF	<i>E. coli</i>	LP	47
55	44/M	IIIA	8.3	3	-	-	LP	27

F, female; M, Male; C-M, Cierny-Mader, VAC, vacuum-assisted closure; SG, skin graft; LMF, local muscle flap; EX; external fixation; IX, internal fixation; LP, non-contact locking plate; *S. aureus*, *Staphylococcus aureus*; *E. coli*, *Escherichia coli*; *S. haemolyticus*, *Staphylococcus haemolyticus*; *P. aeruginosa*, *Pseudomonas aeruginosa*; *E. faecalis*, *Enterococcus faecalis*.