

TABLE E-1 Clinicopathologic Characteristics of the Twenty-six Patients Who Underwent Previous Erroneous Procedures

Case	Age	Sex	Location	Initial Diagnosis	Initial Tumor Size (cm)	Definitive Pathology	Initial Surgery
1	32	Female	Proximal part of humerus	Giant cell tumor	3.5	Fibroblastic	Curettage
2*	31	Female	Proximal part of tibia	Benign bone tumor	1.8	Osteoblastic	Curettage and bone graft
3	24	Male	Proximal part of humerus	Chronic osteomyelitis	2.6	Chondroblastic	Curettage and cementing
4*	46	Male	Distal part of tibia	Chronic osteomyelitis	3.0	Osteoblastic	Curettage and bone graft
5*	18	Male	Femur shaft	Osteoid osteoma	1.3	Telangiectatic	Curettage and bone graft
6*	13	Male	Distal part of tibia	Chronic osteomyelitis	3.5	Osteoblastic	Curettage
7	11	Male	Pelvis	Chondroid tumor	4.5	Chondroblastic	Curettage
8*	8	Male	Distal part of tibia	Aneurysmal bone cyst	2.3	Telangiectatic	Curettage and bone graft
9*	46	Female	Distal part of tibia	Fibrous dysplasia	5.2	Osteoblastic	Curettage
10	18	Male	Proximal part of tibia	Chronic osteomyelitis	4.9	Osteoblastic	Curettage
11*	29	Male	Proximal part of tibia	Giant cell tumor	4.4	Telangiectatic	Curettage and cementing
12	37	Male	Sacrum	Giant cell tumor	3.7	Small cell	Curettage
13	35	Female	Proximal part of tibia	Benign bone tumor	2.0	Osteoblastic	Curettage
14*	44	Male	Proximal part of femur	Fibrous dysplasia	3.5	Osteoblastic	Open reduction and internal fixation with compression hip screw
15*	31	Female	Proximal part of tibia	Giant cell tumor	4.0	Telangiectatic	Curettage and cementing
16*	65	Female	Proximal part of femur	Traumatic fracture	7.0	Telangiectatic	Open reduction and internal fixation with intramedullary nail
17*	46	Male	Distal part of femur	Chondroid tumor	6.5	Telangiectatic	Curettage and cementing
18*	23	Female	Femur shaft	Traumatic fracture	6.1	Osteoblastic	Open reduction and internal fixation with intramedullary nail
19	24	Male	Distal part of fibula	Chronic osteomyelitis	6.1	Osteoblastic	Curettage
20*	21	Male	Pelvis	Aneurysmal bone cyst	7.3	Small cell	Curettage and cementing
21*	14	Male	Distal part of tibia	Non-ossifying fibroma	6.5	Osteoblastic	Curettage and cementing
22*	20	Male	Sacrum	Giant cell tumor	6.6	Giant cell	Curettage
23*	42	Female	Distal part of femur	Giant cell tumor	6.9	Osteoblastic	Curettage and cementing
24*	30	Male	Proximal part of tibia	Benign bone tumor	8.2	Chondroblastic	Curettage and cementing
25*	62	Female	Proximal part of femur	Giant cell tumor	8.7	Osteoblastic	Bipolar hemiarthroplasty
26*	18	Female	Distal part of femur	Benign bone tumor	8.3	Osteoblastic	Curettage and cementing

*This patient was one of the nineteen who were selected from propensity score matching for comparison.

TABLE E-1 (continued)

Definitive Treatment	Chemotherapy	Recurrence	Metastasis	Patient Status	Follow-up (mo)
Amputation	Postoperative	Yes	Lung	Dead of disease	111
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	175
Amputation	Postoperative	No	None	Completely disease-free	30
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	158
Limb salvage surgery	Postoperative	No	Lung	No evidence of disease	55
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	93
Limb salvage surgery	Postoperative	Yes	Lung	Dead of disease	26
Amputation	Postoperative	No	None	Completely disease-free	266
Amputation	Preoperative and postoperative	No	None	Dead of disease	33
Amputation	Preoperative and postoperative	Yes	None	Completely disease-free	29
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	37
Limb salvage surgery	Neither preoperative nor postoperative	No	None	Completely disease-free	24
Limb salvage surgery	Postoperative	No	Lung and bone	Dead of disease	11
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	103
Limb salvage surgery	Neither preoperative nor postoperative	No	None	Completely disease-free	40
Amputation	Neither preoperative nor postoperative	No	Bone	Dead of disease	26
Amputation	Postoperative	No	Bone	Dead of disease	15
Amputation	Preoperative and postoperative	No	None	Completely disease-free	64
Amputation	Postoperative	No	Lung and bone	Dead of disease	47
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	82
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	69
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	24
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	60
Limb salvage surgery	Preoperative and postoperative	No	Lung	Dead of disease	49
Limb salvage surgery	Preoperative and postoperative	No	None	Completely disease-free	36
Limb salvage surgery	Preoperative and postoperative	No	Lung	Dead of disease	31