

TABLE E-1

Patient	Diagnosis*	Patient Age (yr)	Tumor Site	Periosteal Stripping	Fracture Site	Radiation Timing	Radiation Treatment Dosage/Fraction	Time To Fracture (mo)
1	Epithelioid sarcoma	49	Thigh	None	Femur	Postop	66 Gy/33	153
2	Liposarcoma	72	Thigh	Extensive	Femur	Preop	50 Gy/25	76
3	MFH	54	Thigh	Extensive	Femur	Postop	66 Gy/33	152
4	Liposarcoma	48	Thigh	Moderate	Femoral Neck	Postop	66 Gy	37
5	Liposarcoma	52	Thigh	None	Femur	Postop	66 Gy/30	97
6	Peripheral nerve sheath tumor	71	Foot	Extensive	Metatarsals	Postop	50 Gy/25 + 16 Gy/8	15
7	MFH	42	Thigh	Extensive	Patella	Preop + Postop	50 Gy/25 + 16 Gy/8	14
8	Myxofibrosarcoma	65	Thigh	None	Femoral neck, subtrochanteric femur, femoral shaft	Postop	66 Gy/33	12
9	Liposarcoma	79	Thigh	None	Subtrochanteric femur	Preop + Postop	50 Gy/25 + 14 Gy/7	21
10	MFH	75	Thigh	None	Femoral neck	Preop	50 Gy/25	37
11	MFH	71	Foot	Extensive	Metatarsals	Postop	66 Gy/30	31
12	MFH	56	Thigh	Moderate	Femur	Postop	66 Gy/33	41
13	Liposarcoma	89	Thigh	None	Femoral neck	Postop	66 Gy/33	25
14	Liposarcoma	69	Thigh	Moderate	Femoral neck	Postop	66 Gy/33	36
15	Liposarcoma	56	Thigh	Moderate	Femur	Postop	66 Gy/33	57
16	Liposarcoma	45	Thigh	None	Femur	Postop	64 Gy/32	121
17	Liposarcoma	66	Thigh	None	Femoral neck	Preop	50 Gy/25	46
18	MFH	57	Leg	Extensive	Tibia	Postop	66 Gy/33	27
19	Leiomyosarcoma	65	Thigh	Extensive	Subtrochanteric femur, patella	Postop	66 Gy/33	64
20	MFH	64	Thigh	None	Femoral condyle	Postop	66 Gy/33	143
21	Angiosarcoma	55	Thigh	Moderate	Femoral neck	Preop + Postop	50 Gy/25 + 16 Gy/8	85
22	Liposarcoma	61	Thigh	None	Femoral neck	Postop	66 Gy/33	15
23	Liposarcoma	71	Thigh	None	Femoral neck, subtrochanteric femur	Postop	66 Gy/33	44

*MFH = malignant fibrous histiocytoma.