

TABLE E-1 Patient Demographics, Lesion Location, Presentation, and Treatment of Epiphyseal Enchondromas

Patient Number	Age	Gender	Lesion Location	Clinical Presentation	Treatment
1	7	Male	Proximal Tibia	Incidental	Biopsy/Observation
2	15	Male	Greater Tuberosity	Pathologic Fracture	Curettage and Bone Graft
3	14	Female	Greater Trochanter	Pain	Curettage and Bone Graft
4	19	Male	Distal Humerus	Pain	Curettage and Bone Graft
5	36	Male	Medial Femoral Condyle	Incidental	Curettage and Bone Graft
6	13	Female	Proximal Humerus	Pain	Curettage and Bone Graft
7	15	Male	Proximal Humerus	Pain	Curettage and Bone Graft
8	14	Male	Proximal Humerus	Pain	Curettage and Bone Graft
9	12	Female	Proximal Humerus	Pain	Curettage and Bone Graft
10	61	Male	Lateral Femoral Condyle	Pain	Curettage and Bone Graft
11	13	Male	Proximal Humerus	Pathologic Fracture	Curettage and Bone Graft
12	13	Female	Distal Fibula	"Mass"	Resection/Fusion
13	43	Female	Distal Radius	Pathologic Fracture	Curettage and Bone Graft
14	14	Male	Greater Tuberosity	Pain	Curettage and Bone Graft
15	58	Female	Medial Femoral Condyle	Pain	Curettage and Bone Graft*
16	26	Male	Proximal Tibia	Pain	Curettage and Bone Graft
17	20	Male	Proximal Humerus	Pain	Curettage and Bone Graft
18	33	Male	Proximal Tibia	Pain	Curettage and Bone Graft
19	20	Male	Distal Humerus	Incidental	Curettage and Bone Graft
20	25	Female	Proximal Humerus	Pain	Curettage and Bone Graft
21	23	Male	Distal Radius	Pain	Curettage and Bone Graft
22	32	Male	Distal Ulna	Pain	Resection
23	20	Male	Distal Radius	"Mass"	Resection/Allograft
24	16	Male	Lateral Femoral Condyle	Pain	Curettage and Bone Graft
25	58	Female	Greater Trochanter	Incidental	Curettage and Bone Graft
26	50	Female	Greater Trochanter	Incidental	Curettage and Bone Graft
27	21	Male	Medial Femoral Condyle	Pain	Curettage and Bone Graft
28	35	Male	Femoral Head	Pain	Curettage and Bone Graft
29	16	Male	Proximal Tibia	Pain	Curettage and Bone Graft
30	49	Female	Lateral Femoral Condyle	Pain	Curettage and Bone Graft
31	31	Female	Proximal Fibula	Pain	Resection
32	23	Female	Femoral Head	Pain	Resection/Hemiarthroplasty
33	35	Female	Proximal Humerus	Pain	Resection/Hemiarthroplasty

*Lesion recurred and was successfully treated with repeat curettage and bone graft.

TABLE E-2 Plain Radiographic Characteristics of Epiphyseal Enchondromas

Patient Number	Physeal Status	Matrix Mineralization	Internal Septations	Epiphyseal Centricity	Geographic Characteristics	Cortical Expansion	Erosion to Subchondral Bone	Metaphyseal Extension
1	Open	Absent	Absent	Eccentric	1A	Absent	Present	Absent
2	Open	Absent	Absent	Eccentric	1A	Absent	Present	Absent
3	Open	Present	Present	Centric	1A	Absent	Absent	Absent
4	Closed	Present	Present	Eccentric	1A	Absent	Present	Absent
5	Closed	Present	Present	Eccentric	1B	Absent	Absent	Absent
6	Open	Absent	Present	Centric	1A	Absent	Present	Absent
7	Open	Absent	Present	Centric	1A	Absent	Present	Absent
8	Open	Present	Present	Centric	1A	Present	Present	Present
9	Open	Present	Present	Centric	1A	Absent	Present	Present
10	Closed	Absent	Present	Eccentric	1B	Absent	Absent	Present
11	Open	Present	Present	Eccentric	1B	Absent	Present	Absent
12	Open	Present	Present	Centric	1C	Present	Present	Present
13	Closed	Absent	Absent	Centric	1A	Present	Present	Present
14	Open	Present	Present	Eccentric	Sclerotic/flocculent	Absent	Present	Present
15	Closed	Present	Present	Eccentric	Sclerotic/flocculent	Present	Present	Present
16	Closed	Present	Present	Centric	1A	Absent	Present	Present
17	Closed	Present	Present	Eccentric	1B	Absent	Present	Present
18	Closed	Absent	Present	Centric	1A	Absent	Absent	Present
19	Closed	Present	Absent	Eccentric	1A	Absent	Present	Absent
20	Closed	Present	Present	Centric	1A	Absent	Present	Present
21	Closed	Absent	Absent	Eccentric	1A	Absent	Absent	Absent
22	Closed	Present	Absent	Centric	1B	Absent	Present	Present
23	Closed	Present	Absent	Eccentric	1A	Present	Present	Present
24	Open	Present	Absent	Eccentric	1A	Absent	Present	Absent
25	Closed	Present	Absent	Centric	Sclerotic/flocculent	Absent	Absent	Present
26	Closed	Present	Absent	Centric	1B	Absent	Absent	Present
27	Closed	Present	Present	Eccentric	1A	Present	Absent	Present
28	Closed	Present	Present	Eccentric	1A	Absent	Absent	Present
29	Closed	Absent	Absent	Eccentric	1A	Absent	Present	Present
30	Closed	Absent	Absent	Eccentric	1A	Absent	Present	Absent
31	Closed	Present	Absent	Centric	1A	Present	Present	Present
32	Closed	Present	Absent	Eccentric	1B	Absent	Present	Absent
33	Closed	Present	Present	Centric	Sclerotic/flocculent	Present	Present	Present
Totals:	33% Open	70% Matrix	58% Septa	55% Eccentric	64% = 1A	76% Absent	73% Erosion	39% Epiphyseal Only
	67% Closed	30% Absent	42% Absent	45% Centric	21% = 1B	24% Cortex	27% Absent	
					3% (1) = 1C	Expanded		
					12% = Sclerotic			