

TABLE E-1 Clinical Data on the Nineteen Patients with a Fracture of the Greater Trochanter Induced by Osteolysis\*

Case	Age (yr)	Gender	Age of Primary Prosthesis (yr)	Size of Osteolytic Lesion (cm <sup>2</sup> )	Displacement of the GT (mm)	Preop. HHS (points)	Exchange of Acetabular Component	Fixation of GT and No. of Wires	Follow-up Period (yr)	Postop. HHS (points)	Time to Union (mo)	Complications	Remarks
1	57	F	7	6	4	34	Metal-backed noncemented	2 TB wires	7.5	96	6	None	
2	66	F	6	4	3	49	Insert exchange only	2 TB wires	8	94	6	Residual cyst 1cm  Broken wire	Wire removal
3	69	F	8	10	None	36	Metal-backed noncemented	2 TB wires	5.5	85	5	Broken wires	LT involved Cortical involvement
4	49	F	7	16.3	None	34	Metal-backed cemented	2 TB wires	5.5	95	5	Broken wires	Cortical involvement
5	67	M	8	6.8	3	26	Metal-backed cemented	3 TB wires	5.5	86	3	None	Trauma event Cortical involvement
6	62	F	6	8	4	42	Metal-backed cemented	2 TB wires	5	87	7	One wire broken	Paper-thin cortex Cortical involvement
7	67	F	8	12.5	None	33	Metal-backed cemented	2 Cerclage wires	4	91	3	Residual cyst 1cm	Cortical involvement
8	48	M	8	10	3	21	Metal-backed cemented	3 TB wires	3.5	89	6	None	Cortical involvement
9	61	F	10	14	6	7	Metal-backed cemented	3 Cerclage wires	3	90	7	Residual cyst 0.5 cm	Trauma event LT involvement sub- trochanteric fracture Cortical involvement
10	33	M	4	2	10	37	Metal-backed noncemented	2 TB wires	3.5	96	3	None	

11	66	F	12	11	3	42	Metal-backed cemented	2 TB wires	2.5	96	6	None	Cortical involvement
12	52	F	10	13.5	5	38	Metal-backed cemented	2 TB wires 2 Cerclage wires	2.3	95	7	One wire broken	LT involved Cortical involvement Calcar allograft
13	39	M	12	15	20	24	Metal-backed cemented	2 TB wires 1 Cerclage wire	2.5	90	6	None	Paper-thin cortex Cortical involvement
14	70	F	17	10	2	36	Metal-backed cemented	2 Cerclage wires	2.3	96	4	None	
15	66	F	12	7.5	7	45	Metal-backed cemented	2 TB wires 1 Cerclage wire	2.2	80		Broken wires Nonunion	LT involved Calcar allograft Cortical involvement
16	73	M	13	4	None	34	Metal-backed cemented	2 Cerclage wires	2.6	95	6	None	
17	69	M	12	10	22	49	Metal-backed cemented	2 TB wires 1 Cerclage wire	2	92	5	None	Paper-thin cortex Cortical involvement
18	55	M	10	4	4	26	Insert exchange only	2 Cerclage wires	2.2	91	4	None	Trauma event
19	65	F	9	3	5	6	Metal-backed cemented	3 TB wires	2	89	3	None	Cup migration hip dislocation Cortical involvement

\*GT = greater trochanter, LT = lesser trochanter, TB = tension-band, and HHS = Harris hip score.