

TABLE E-1 Implant Sizes Calculated with Use of the Contralateral Radiograph Measurement Technique for the 120 Observations

Observation	Actual Implant Size* (mm)	Amount of Overlengthening Calculated with Contralateral Radiograph Measurement Technique (mm)	Difference Between Calculated and True Implant Sizes (mm)
1	0	-0.4	0.4
2	0	0.3	-0.3
3	0	0.2	-0.2
4	0	-0.2	0.2
5	0	-0.6	0.6
6	0	-0.4	0.4
7	0	0.6	-0.6
8	0	0.4	-0.4
9	0	0.1	-0.1
10	0	0.1	-0.1
11	0	0.3	-0.3
12	0	0.1	-0.1
13	0	-0.6	0.6
14	0	-0.2	0.2
15	0	0.5	-0.5
16	0	0.4	-0.4
17	0	-0.3	0.3
18	0	-0.4	0.4
19	0	0.2	-0.2
20	0	-0.2	0.2
21	0	-0.4	0.4
22	0	0.1	-0.1
23	0	0.9	-0.9
24	0	0.7	-0.7
25	+2	0.9	1.1
26	+2	1.0	1.0
27	+2	1.1	0.9
28	+2	1.1	0.9
29	+2	1.1	0.9
30	+2	1.1	0.9
31	+2	1.1	0.9
32	+2	1.2	0.8
33	+2	1.3	0.7
34	+2	1.3	0.7
35	+2	1.4	0.6
36	+2	1.4	0.6
37	+2	1.5	0.5
38	+2	1.6	0.4
39	+2	1.8	0.2
40	+2	2.0	0.0
41	+2	2.3	-0.3
42	+2	2.3	-0.3
43	+2	2.4	-0.4
44	+2	2.5	-0.5
45	+2	2.6	-0.6
46	+2	2.7	-0.7
47	+2	2.8	-0.8
48	+2	2.9	-0.9
49	+4	3.2	0.8
50	+4	3.2	0.8

51	+4	3.3	0.7
52	+4	3.4	0.6
53	+4	3.5	0.5
54	+4	3.7	0.3
55	+4	3.8	0.2
56	+4	3.9	0.1
57	+4	4.2	-0.2
58	+4	4.2	-0.2
59	+4	4.4	-0.4
60	+4	4.4	-0.4
61	+4	4.4	-0.4
62	+4	4.4	-0.4
63	+4	4.5	-0.5
64	+4	4.5	-0.5
65	+4	4.5	-0.5
66	+4	4.5	-0.5
67	+4	4.6	-0.6
68	+4	4.6	-0.6
69	+4	4.7	-0.7
70	+4	4.9	-0.9
71	+4	5.0	-1.0
72	+4	5.2	-1.2
73	+6	4.6	1.4
74	+6	5.3	0.7
75	+6	5.3	0.7
76	+6	5.3	0.7
77	+6	5.3	0.7
78	+6	5.4	0.6
79	+6	5.5	0.5
80	+6	5.6	0.4
81	+6	5.9	0.1
82	+6	6.1	-0.1
83	+6	6.1	-0.1
84	+6	6.3	-0.3
85	+6	6.4	-0.4
86	+6	6.6	-0.6
87	+6	6.6	-0.6
88	+6	6.6	-0.6
89	+6	6.6	-0.6
90	+6	6.7	-0.7
91	+6	6.7	-0.7
92	+6	6.7	-0.7
93	+6	6.8	-0.8
94	+6	7.0	-1.0
95	+6	7.0	-1.0
96	+6	7.0	-1.0
97	+8	7.8	0.2
98	+8	8.1	-0.1
99	+8	8.6	-0.6
100	+8	8.6	-0.6
101	+8	8.6	-0.6
102	+8	8.8	-0.8
103	+8	8.8	-0.8
104	+8	8.8	-0.8

105	+8	8.8	-0.8
106	+8	8.9	-0.9
107	+8	8.9	-0.9
108	+8	8.9	-0.9
109	+8	9.0	-1.0
110	+8	9.0	-1.0
111	+8	9.1	-1.1
112	+8	9.2	-1.2
113	+8	9.2	-1.2
114	+8	9.3	-1.3
115	+8	9.4	-1.4
116	+8	9.4	-1.4
117	+8	9.4	-1.4
118	+8	9.6	-1.6
119	+8	9.6	-1.6
120	+8	9.6	-1.6

*0 = correctly sized implant. +2, +4, +6, and +8 = overlengthening by 2, 4, 6, and 8 mm, respectively.