

TABLE E-1 Patient Characteristics

Patient	Age	Sex	Involved Side	Patellar Facet	Defect Size (cm)	Patellar Height	Congruence Angle (deg)	TTTG* (mm)	No. of Plugs†	Follow-up (mo)	Mechanism of Injury
1	30	F	L	Central	1.5	1.1	6	12	1	44	Contusion
2	45	F	R	Lateral	2	1	5	13	1	27	Contusion
3	58	M	R	Lateral	1.5	1.1	5	11	1	45	Chondromalacia
4	25	M	R	Lateral	1.3	1.2	5	12	1	37	Chondromalacia
5	16	F	R	Medial	1.5	1	6	12	1	26	Contusion
6	42	M	L	Medial	1.2	1	3	13	1	39	Contusion
7	16	F	L	Lateral	1.2	1.1	4	14	1	33	Dislocation
8	30	M	R	Lateral and medial	1.5 and 1.5	1.2	2	14	2	26	Chondromalacia
9	48	M	L	Medial	1.7	1.2	5	10	1	34	Contusion
10	59	M	R	Lateral	1.5	1.2	7	11	1	36	Dislocation
11	59	M	L	Lateral	1.1	1	5	11	1	31	Contusion
12	36	F	L	Medial	1.4	1	5	12	1	24	Contusion
13	43	M	R	Lateral and medial	1.3 and 1.5	1	9	12	2	33	Chondromalacia
14	51	F	L	Medial	1.2	1.1	8	13	1	24	Dislocation
15	54	F	R	Lateral	2	1.1	8	14	1	28	Contusion
16	31	F	L	Lateral	2.5	1.1	6	14	1	50	Contusion
17	30	M	R	Lateral	1.5	1	6	12	1	54	Contusion
18	33	M	L	Medial	1.7	1	5	13	1	25	Chondromalacia
19	48	M	R	Lateral and medial	2.4 and 1.3	1	4	14	2	31	Contusion
20	27	M	R	Lateral and medial	1.5 and 2	1	2	14	2	25	Contusion
21	36	F	R	Central	1.7	1	0	12	1	31	Dislocation
22	32	M	R	Medial	2.4	1.2	7	12	1	30	Chondromalacia
23	39	F	L	Medial	2	1	6	12	1	25	Chondromalacia
24	27	F	L	Lateral and medial	2 and 2.2	1.1	9	13	2	25	Contusion
25	32	M	R	Lateral	1.3	1	5	14	1	26	Contusion
26	28	F	L	Lateral	1.8	1.2	6	13	1	25	Contusion
27	35	F	L	Medial	2	1.2	6	13	1	24	Chondromalacia
28	52	F	R	Medial	2.4	1.1	6	12	1	24	Contusion
29	30	M	R	Medial	2.2	1.1	3	11	1	24	Contusion
30	43	F	R	Medial	1.3	1	2	13	1	24	Chondromalacia
31	50	F	L	Lateral	1.2	1	5	11	1	25	Contusion
32	32	F	L	Lateral	1.8	1	4	12	1	24	Chondromalacia
33	56	M	R	Medial	1.9	1	6	10	1	25	Contusion

*TTTG = tibial tubercle-trochlear groove distance. †This is the number of osteochondral graft plugs inserted.

TABLE E-2 Comparison Among Lesion Characteristics, Lesion Treatment Types, and Postoperative Questionnaires

Lesion Characteristics and Treatment Types	No. of Patients	Postoperative Questionnaires					
		Lysholm			Fulkerson		
		Mean*	Median†	P Value	Mean*	Median†	P Value
Plug				0.022			0.290
One‡	28	82.5 ± 11.5	86		80.2 ± 11.2	83	
Two	5	69.8 ± 11.9	71		78.6 ± 4.0	79	
Defect size							
<2 cm	20	82.6 ± 12.9	86	0.128	81.1 ± 11.7	84.5	0.169
>2 cm	13	77.5 ± 11.1	81		78.3 ± 8.0	82	
Patellar facet§				0.036			0.155
Lateral	13	85.6 ± 9.7	87		83.8 ± 8.5	85	
Medial	13	80.6 ± 11.8	86		77.1 ± 12.4	82	
Medial and lateral	5	69.8 ± 11.9	71		78.6 ± 4.0	79	

*The values are given as the mean and the standard deviation in points. †The values are given as the median score in points. ‡Patients treated with a single osteochondral plug had better scores according to the Lysholm scale ($p < 0.05$). §There were different outcomes for different injury sites in the patella according to the same Lysholm questionnaire ($p < 0.05$).

TABLE E-2 (continued)

Postoperative Questionnaires					
Kujala			SF-36		
Mean*	Median†	P Value	Mean*	Median†	P Value
		0.173			0.643
77.3 ± 11.9	78		74.0 ± 21.3	84	
69.8 ± 11.3	70		79.2 ± 21.6	84	
		0.194			0.548
78.1 ± 13.1	80		75.4 ± 23.0	84	
73.3 ± 9.8	76		73.8 ± 18.8	84	
		0.253			0.538
80.3 ± 1.1	78		77.2 ± 20.8	84	
75.2 ± 12.5	79		68.6 ± 22.6	60	
69.8 ± 11.1	70		79.2 ± 21.6	84	