

TABLE E-1 Descriptive Characteristics of Patients According to Whether Their Decision to Undergo ACL Reconstruction Was Primary or Late

	Primary (N = 79)	Late (N = 21)	P Value
Preinjury participation (yes/no [% yes])			
Level I	65/14 (82)	15/6 (71)	0.356
Level II	41/38 (52)	10/11 (48)	0.727
Sex (F/M [% F])	44/35 (56)	12/9 (57)	0.906
Age* (yr)	24.5 ± 7.3	22.1 ± 6.5	0.116
Height* (cm)	173.4 ± 8.9	175.2 ± 9.6	0.414
Weight* (kg)	71.7 ± 12.5	76.0 ± 20.4	0.371
BMI* (kg/m ²)	23.8 ± 3.0	24.4 ± 4.1	0.444
Concomitant injuries† (no. [%])			
Medial meniscus	20 (25)	5 (24)	0.887
Lateral meniscus	19 (24)	3 (14)	0.337
Medial cartilage	1 (1)	2 (10)	0.111
Lateral cartilage	10 (13)	0	0.115
Medial collateral ligament (grade I-II)	24 (30)	4 (19)	0.304
Lateral collateral ligament (grade I-II)	1 (1)	0	1.000
Popliteus	2 (3)	0	1.000
No concomitant meniscal, cartilage, ligament, or muscle injury	32 (41)	12 (57)	0.172
*The values are given as the mean and standard deviation. †Diagnosed with MRI at inclusion.			

TABLE E-2 Data Collected at the Time of Surgery According to Whether the Decision to Undergo ACL Reconstruction Was Primary or Late

	Primary (N = 78*)	Late (N = 21)	P Value
Time to surgery† (mo)	4.9 ± 2.9	12.7 ± 5.0	<0.001
Graft choice (no. [%])			
Hamstrings, single bundle	48 (62)	15 (71)	0.403
Bone-patellar tendon-bone	28 (36)	5 (24)	0.297
Hamstrings, double bundle	2 (3)	1 (5)	0.515
Concomitant surgical procedures (no. [%])			
Medial meniscus repair	11 (14)	4 (19)	0.397
Medial meniscus partial resection	5 (6)	1 (5)	1.000
Lateral meniscus repair	—	1 (5)	0.212
Lateral meniscus partial resection	11 (14)	3 (14)	1.000
*Data missing for one patient who made a primary decision to undergo ACL reconstruction. †The values are given as the mean and standard deviation.			

TABLE E-3 Functional Outcomes from Baseline to the Two-Year Follow-up Evaluation According to Whether the Decision to Undergo ACL Reconstruction Was Primary or Late

	Baseline*		6 Wk*	
	Primary	Late	Primary	Late
IKDC-2000 score	69.5 ± 11.1	71.0 ± 13.2	77.1 ± 10.8	80.6 ± 12.3
Knee extension strength				
Uninvolved (Nm)	193.0 ± 49.1	195.9 ± 64.5	204.3 ± 49.5	204.6 ± 64.0
Involved (Nm)	170.9 ± 44.1	174.7 ± 62.7	188.0 ± 45.6	197.3 ± 62.2
Limb symmetry (%)	90.0 ± 10.9	88.5 ± 9.5	92.7 ± 10.9	96.7 ± 9.4
Knee flexion strength				
Uninvolved (Nm)	97.0 ± 25.2	91.9 ± 29.6	104.6 ± 24.7	103.8 ± 32.3
Involved (Nm)	91.2 ± 24.0	91.4 ± 32.3	100.8 ± 25.0	105.1 ± 33.5
Limb symmetry (%)	94.8 ± 12.4	99.0 ± 12.2	96.7 ± 9.9	101.4 ± 12.4

*The values are given as the mean and standard deviation and represent the sixty-eight patients who made a primary decision and eighteen patients who made a late decision to undergo ACL reconstruction for whom complete data were available.

TABLE E-3 (continued)

2 Yr*		Time P Value	Standardized Response Mean from Baseline to 2 Yr		Group × Time P Value
Primary	Late		Primary	Late	
88.4 ± 13.4	91.0 ± 5.2	<0.001	1.17	1.34	0.806
210.8 ± 53.5	221.2 ± 62.3	<0.001	0.56	0.69	0.210
197.7 ± 56.3	212.3 ± 52.5	<0.001	0.87	0.87	0.336
93.6 ± 10.2	97.3 ± 11.6	<0.001	0.37	0.88	0.157
108.0 ± 28.6	110.9 ± 32.1	<0.001	0.63	1.12	0.193
102.0 ± 30.4	104.8 ± 25.4	<0.001	0.53	1.05	0.562
94.3 ± 11.5	96.2 ± 11.6	0.074	-0.05	-0.19	0.813

TABLE E-4 Comparison of Monthly Sports Participation Over Two Postoperative Years According to Whether the Decision to Undergo ACL Reconstruction Was Primary or Late

	Crude Odds Ratio* (95% CI), P Value
Participation in level-I sports	0.36 (0.17-0.77), 0.009
Participation in level-II sports	0.65 (0.32-1.32), 0.233
Participation in level-III sports	0.66 (0.32-1.37), 0.266
*An odds ratio <1 indicates a higher number of patients who made a primary decision to undergo ACL reconstruction participating in sports.	

TABLE E-5 Knee Reinjuries According to Whether the Decision to Undergo ACL Reconstruction Was Primary or Late

	Primary (N = 79)		Late (N = 21)	
	Preoperatively	Postoperatively	Preoperatively	Postoperatively
Index knee (<i>no. [%]</i>)				
ACL rerupture	—	8 (10%)	—	—
Medial meniscus	—	8 (10%)	2 (10%)	1 (5%)
Lateral meniscus	—	3 (4%)	2 (10%)	1 (5%)
Medial cartilage	—	1 (1%)	—	—
Lateral cartilage	—	2 (3%)	—	—
Patellofemoral cartilage	—	3 (4%)	—	—
Medial collateral ligament	—	1 (1%)	—	—
Patellar subluxation	—	1 (1%)	—	—
Contralateral knee (<i>no. [%]</i>)				
ACL rupture	—	2 (3%)	—	—
Lateral meniscus	—	1 (1%)	—	—
Medial collateral ligament	—	1 (1%)	—	—
Knee reinjuries/100 patient-years (95% CI)	—	15.9 (9.3-22.6)	25.3 (0.5-50.1)	4.9 (0-11.6)
Full study period		14.7 (8.5-20.8)		10.5 (2.1-18.9)