

Table 1. Patients demographics

Number of patients	47
Gender, men/woman	10/37
Age, years	63.7 ± 6.9 (42–70)
Hight, m	1.6 ± 0.1 (1.5-1.7)
Body weight, kg	64.2 ± 10.2 (38.2-77.6)
Body mass index, kg/m ²	25.3 ± 3.2 (16.7-29.7)
Kellgren-Lawrence grade Grade 0/I/II/III/IV	0/20/27/0/0
Femorotibial angle, °	175.8 ± 1.3 (172.3-178.8)
Duration from injury to surgery, days	63 ± 26 (14-86)
Duration from surgery to second-look arthroscopy, days	459 ± 101 (356-527)
Arthroscopic score ^a	7.2 ± 1.8 (5-10)
Good (7-10 points)	29
Moderate (4-6 points)	18
Poor (0-3 points)	0

Continuous data are presented as mean ± standard deviation (range).
^a Meniscal healing score at second-look arthroscopy (total, 10 points).
Each status of arthroscopic scores, number of patients.

Table 1

Table 2. Cartilage status of medial femoral condyle and medial tibial plateau in primary and second-look arthroscopic surgery (ICRS grade)

	Primary surgery	Second-look arthroscopy	P value
Medial femoral condyle	1.15 ± 0.54	1.36 ± 0.48	0.001 *
A	1.11 ± 0.75	1.37 ± 0.72	0.001 *
B	1.53 ± 0.68	1.63 ± 0.50	0.19
C	0.81 ± 0.67	1.03 ± 0.71	0.10
D	0.91 ± 0.57	1.27 ± 0.54	0.001 *
E	1.33 ± 0.73	1.52 ± 0.59	0.08
F	1.23 ± 0.63	1.34 ± 0.51	0.16
Medial tibial plateau	1.37 ± 0.57	1.50 ± 0.50	0.10
G	1.26 ± 0.57	1.37 ± 0.50	0.22
H	1.49 ± 0.63	1.59 ± 0.58	0.37

Data are displayed as a mean ± standard deviation. Significance was determined with use of Paired t-test. *ICRS* International Cartilage Research Society, **p* < 0.05

Table 2

Table 3. Correlation of meniscus healing score with MFC ICRS grade and MTP ICRS grade at second-look arthroscopy

	r	P value
Medial femoral condyle	-0.36	0.008*
A	-0.09	0.56
B	-0.53	0.001 *
C	-0.45	0.004 *
D	-0.22	0.15
E	-0.33	0.009 *
F	-0.21	0.16
Medial tibial plateau	-0.34	0.02 *
G	-0.23	0.12
H	-0.38	0.009 *

Spearman’s rank analysis was used to assess the correlation. *MFC* medial femoral condyle, *MTP* medial tibial plateau, *ICRS* International Cartilage Research Society, **p* < 0.05

Table 3

Table 4. Preoperative and postoperative clinical characteristics

	Preoperative	Second-look arthroscopy	<i>P value</i>
KOOS			
Pain	54.4 ± 23.5	89.0 ± 8.8	< 0.001*
Symptoms	64.1 ± 20.4	81.8 ± 14.3	0.021*
ADL	66.1 ± 18.4	91.8 ± 6.5	< 0.001*
Sport/Rec	25.1 ± 22.4	68.3 ± 20.5	< 0.001*
QOL	31.2 ± 18.3	69.5 ± 18.2	< 0.001*
Lysholm knee score	61.4 ± 12.3	87.4 ± 7.7	< 0.001*
IKDC score	39.2 ± 16.5	70.5 ± 9.6	< 0.001*
Pain score (VAS)	43.6 ± 26.2	5.5 ± 4.9	< 0.001*

KOOS, Knee Injury and Osteoarthritis Outcome Score. ADL, activities of daily living. Sport/Rec, sport and recreation function. QOL, knee-related quality of life. IKDC, International Knee Documentation Committee. VAS, visual analog scale. Data are displayed as mean ± standard deviation*p < 0.05.

Table 4