

Appendix Table A1. Patient demographics and details.

No	Sex	f/u duration (months)	MFTA_pre	MFTA_post	mLDFA_pre	mLDFA_post	uni/biplanar OT	Previous operation	CWDFO + Medial reefing & AS lateral release	No PCA data	2 nd look AS examination
1	M/23	26	7	-0.2	84	91.2	bi		O		
2		26	6	-2.8	85	88.3	uni		O		
3	F/27	25	4	-2.9	86	92.1	uni		O		
4		25	6	-0.1	84	89.8	bi		O	completely DL before surgery	
5	M/19	25	4	-0.1	83	88.3	uni		O		
6		25	6	-0.8	83	88.4	bi		O		
7	M/16	25	6	-0.7	84	89.3	uni	medial plication	O		
8	M/19	25	5	-4.5	84	88	uni		X	completely DL before surgery	
9	M/16	27	5	-1.4	82	90.3	uni		X		
10		25	11	3.1	78	86	uni	medial plication	X	completely DL before surgery	
11	M/17	27	7	-1.7	79	88.8	bi	medial plication	O		
12	M/41	27	8	-0.1	81	89.5	bi		O		
13		27	12	-0.4	78	91.1	uni		O		
14	M/27	25	6	-4.6	79	89.3	uni		O		
15		25	7	1.8	89	86.9	uni		O		
16	F/20	29	3	-9.5	90	87.9	uni	MPFL reconstruction	O		
17	F/26	36	4	-4.3	85	90.2	uni	medial plication	O		
18		36	8	-1.3	81	89.1	bi	medial plication	O		

19	M/21	25	4	-1.7	78	83.6	uni		O		X
20		25	4	-1.4	82	87.7	uni		O		X
21	F/27	62	4	-7.6	86	88.9	uni	TTOT reefing	O		
22		62	4	-11.6	85	89.1	uni	TTOT reefing	O		
23	F/38	46	2	-6.9	86	88.5	uni		O		

AS; arthroscopic, DL; dislocation, MFTA, mechanical femorotibial angle; mLDFA, mechanical lateral distal femoral angles; MPFL; medial patellofemoral ligament, OT, Osteotomy; PCA, patellar Congruence angle, TTOT; tibial tuberosity osteotomy