

Supplementary Table 3. Study Characteristics.

Author (Year)	LOE	Patient No.	Sex (M/F)	Mean age (Range), y	Mean F/U \pm SD (range), mo	Mean time to surgery SD (range), mo	Fixation technique	ACL graft type (width, mm)	ACL technique	Associated meniscal procedures	Other associated procedures
Aglietti et al ¹ (1992)	4	44	44/2	21 (16-33)	84 (48-120)	21 (7-96)	Proximal	BTB Autograft (8-10)	Open, eccentric femoral position	Meniscectomy (n=27)	0
Ahn et al ² (2021)	3	47	40/7	--	49.7 \pm 5.7	3.25 (0.5-5.8)	Proximal	Hamstring Autograft (--)	Anteromedial portal	MM Repair (n=22); LM Repair (n=10); MM Meniscectomy (n=8); LM Meniscectomy (n=7)	0
Akmese et al ³ (2021)	4	7	--	--	29 (25-31)	--	Proximal	Hamstring Autograft (--)	Anteromedial portal	MM Repair (n=2); LM Repair (n=5); MM Meniscectomy (n=1)	0
Declercq et al ¹¹ (2022)	3	42	33/9	24.3 \pm 5.6	57.8 \pm 6.25	--	Proximal	Hamstring Autograft (--)	Anteromedial portal	MM Repair (n=7); LM Repair (n=8)	--
Getgood et al ²² (2020)	1	291	151/140	19.1 \pm 3.3	24	9.3 \pm 16.7	Proximal	Hamstring Autograft (8)	Anteromedial portal	MM Repair (n=91); LM Repair (n=24); MM+LM Repair (n=18); MM Meniscectomy (n=18); LM Meniscectomy (n=54); MM+LM Meniscectomy (n=12)	--
Jacquet et al ³¹ (2021)	3	211	155/56	BTB+LET: 30.8 \pm 8.9 Quad+LET: 29.9 \pm 8.0	BTB+LET: 45.1 Quad+LET: 37.3	--	Proximal	BTB Autograft (--) Quadriceps Autograft (--) Hamstring Autograft (--)	Anteromedial portal	BTB+LET: Repair (n=18); Meniscectomy (n=4) Quad+LET: Repair (n=51); Meniscectomy (n=10)	0

Jorgensen et al ³³ (2001)	4	154	117/37	24 (16-51)	39 (24-92)	18 (13-48)	Proximal	ITB Autograft (8 mm)	Open	MM Repair (n=11); LM Repair (n=3); MM+LM Repair (n=1); MM Meniscectomy (n=19); LM Meniscectomy (n=18); MM+LM Meniscectomy (n=1)	MCL Reconstruction (n=8)
O'Brien et al ⁴¹ (1991)	4	48	--	24 (16-42)	48 (24-84)	36 (4-240)	Proximal	BTB Autograft (--)	Open	--	--
Rowan et al ⁴⁹ (2019)	3	46	27/19	27 (16-64)	27 (24-45)	--	Proximal	Hamstring Autograft (--)	Anteromedial portal	Repair (n=23); Meniscectomy (n=10)	0
Trichine et al ⁵⁴ (2014)	1	55	55/0	28.6 ± 4.7	23.4 (6-45)	35.5	Proximal	BTB Autograft (9-12)	Transtibial	MM Meniscectomy (n=10)	0
Anderson et al ⁵ (1994)	4	70	47/23	30 (22-60)	84 (60-108)	--	Distal	Hamstring Autograft (6-9)	Open	Meniscectomy (n=52) MM Repair (n=4); LM Repair (n=3); MM Meniscectomy (n=1); LM Meniscectomy (n=2)	0
Di Sarsina et al ⁴⁸ (2019)	4	20	--	12.3 (8-13)	54 (34-123)	--	Distal	Hamstring Autograft (--)	All-epiphyseal over-the-top	MM Repair (n=3); MM Meniscectomy (n=1); LM Meniscectomy (n=2)	0
Fellar et al ¹⁶ (2021)	4	25	21/04	18.5 (13.8-28.7)	12	--	Distal	Hamstring (11), Quadriceps (14) Autograft (--)	Anteromedial portal	LM Repair (n=2); MM Meniscectomy (n=2); LM Meniscectomy (n=3)	--
Grassi et al ²⁴ (2021)	4	267	219/48	30.7 ± 10.6	121.2	29 ± 25	Distal	Hamstring Autograft (--)	Over-the-top	MM Repair (n=19); LM Repair (n=6); MM Meniscectomy (n=99); LM Meniscectomy (n=50)	--

Lanzetti et al ³⁷ (2020)	4	42	30/12	12.5 (11-14)	96.1 (72-122)	3.2 (0.5-5)	Distal	Hamstring Autograft (--)	All-epiphyseal over-the-top	--	--
Pernin et al ⁴⁴ (2010)	4	100	--	25.1 (14.2-43.3)	294 (252-366)	35.1 (1-232)	Distal	BTB Autograft (--)	Open, Clancy	MM Repair (n=43); MM Meniscectomy (n=27)	Non-Specified Cartilage Procedures (n=15)
Porter et al ⁴⁵ (2020)	2	28	11/17	21.8 ± 4.1	24	0.82 ± 4.1	Distal	Hamstring Autograft (--)	Anteromedial portal	MM Meniscectomy (n=3); LM Meniscectomy (n=4)	0
Zaffagnini et al ⁶² (2017)	4	29	22/7	48 ± 7	228	--	Distal	Hamstring Autograft (--)	Over-the-top	MM Meniscectomy (n=8); LM Meniscectomy (n=8)	0
Dandy et al ¹⁰ (1994)	4	129	101/28	29.7 (17-60)	71 (53-105)	48.3 (3-408)	Soft-Tissue	Synthetic Leeds-Keio Prosthesis (--)	Transtibial, Isometric	Repair (n=19); Meniscectomy (n=55)	--
Declercq et al ¹¹ (2022)	3	44	36/8	27.8 ± 5.9	77.22 ± 4.4	--	Soft-Tissue	Hamstring Autograft (--)	Anteromedial portal	MM Repair (n=10), LM Repair (n=2)	--
Ferretti et al ¹⁷ (2011)	4	91	68/23	35 (21-58)	72	--	Soft-Tissue	Hamstring Autograft (--)	--	MM Repair (n=4); MM Meniscectomy (n=11); LM Meniscectomy (n=20)	--
Guzzini et al ²⁵ (2016)	4	16	0/16	24.9 ± 4.7	72.6 ± 8.1	0.2 ± 0.1	Soft-Tissue	Hamstring Autograft (--)	Outside-in, Anatomic	MM Meniscectomy (n=4); LM Meniscectomy (n=4); MM+LM Meniscectomy (n=1)	--
Ibrahim et al ²⁹ (1999)	4	153	153/0	23.7 (18-45)	69.7 (39-84)	5.9 (3-13)	Soft-Tissue	BTB Autograft (--)	Open Over-the-top	--	--
Kocher et al ³⁶ (2018)	4	237	204/33	11.2 ± 1.7	PRO: 74.4 Exam: 25.8	6.3 ± 6	Soft-Tissue	ITB Autograft (--)	Open Over-the-top + Over-the-front physeal sparing	MM Repair (n=14); LM Repair (n=79); MM Meniscectomy (n=4); LM Meniscectomy (n=6)	Chondroplasty (n=7)
Mahmoud et al ³⁸ (2022)	3	72	55/17	25 ± 8.5	120	4.9	Soft-Tissue	Hamstring Autograft (--)	Anteromedial portal	--	--

Noyes et al ⁴⁰ (1991)	3	40	36/04	23 (14-36)	36 (23-54)	41 (4-223)	Soft-Tissue	BTB Allograft (--)	--	MM Repair (n=10); LM Repair (n=3); MM Meniscectomy (n=11); LM Meniscectomy (n=18)	--
Rackemann et al ⁴⁶ (1991)	4	74	67/07	27.9 (17-43)	72	32.5 (3-132)	Soft-Tissue	BTB Autograft (8)	Open	--	0
Wilson et al ⁵⁸ (2019)	4	57	36/21	13.0 (11-16)	38.5 (24-79)	4 (0.6-33.2)	Soft-Tissue	Hamstring Autograft (--)	Anteromedial portal	--	--
Vadala et al ⁵⁵ (2013)	1	27	0/27	26 (15-40)	45.2 (38-50)	--	Soft-Tissue	Hamstring Autograft (--)	Outside-in, Anatomic	Meniscectomy (n=10)	--
Viglietta et al ⁵⁶ (2022)	3	79	65/14	26.1 ± 6 (18-46)	188 (180-204)	3.4	Soft-Tissue	Hamstring Autograft (--)	Outside-in, Anatomic	Meniscectomy (n=28)	--