

Appendix 1: Surgical details

Authors	Year	Graft storage	Sterilization	Bank	Sizing	Technique	Bone plugs	Horns fixation	Capsule fixation	Concomitant procedures	Chondral lesions	Rehabilitation
<i>Noyes et al.</i>	2005	Fresh-frozen	Nonirradiated	CryoLife	Radiographic	Mini-open	Yes	Bone plug/slot	Inside-out suture	16 Osteochondral Autograft 4 ACL 1 PCL 1 MCL 1 ACL+PCL	None: 4 (15%)	Non-weight bearing: 0-2 weeks Full weight bearing: >6 weeks ROM: immediate (0-90°) Return to non-contact activities: >12 months Return to contact activities: not allowed
<i>Alentorn-Geli et al.</i>	2010	Fresh-frozen	Nonirradiated	Author's Institution Bank	Anthropometric+ radiographs	Arthroscopic	No	Transtibial tunnels	All-inside sutures	NA	None: 6 (42.9%) I-II MFC: 2 I-II MTP: 2 III-IV LFC: 3 III-IV LTP: 2 III-IV MFC: 2	Non-weight bearing: 0-1 months Full weight bearing: >2 months ROM: >1 months RTS: >1 year *from ²
<i>Chalmers et al.</i>	2013	Fresh-frozen	Nonirradiated	NA	Anthropometric+ radiographs	Mini-open	Yes Plugs: 3 Bridge: 11	NA	NA	3 ACL reconstruction 3 OA grafts 1 DFO 1 Microfractures	None: 4 (31%) I: 3 II: 1 III: 1 IV:4	Non-weight bearing: 0-2 weeks ROM: >2 weeks Sport-specific activities: >3 months Return to train: >4 months
<i>Marcacci et al.</i>	2013	Fresh-frozen	Nonirradiated	Author's Institution Bank	Anthropometric+ radiographs	Arthroscopic	No	Transtibial tunnel (posterior) Out-in suture (anterior)	All-inside sutures	2 Revision ACL 3 Microfractures 1 Osteochondral scaffold 1 Chondrocite harvesting	None: 3 (25%) II MFC: 1 II LFC: 2 II LTP: 1 III MFC: 2 III MTP: 1 III LFC: 2	Non-weight bearing: 0-2 weeks Full weight bearing: >6 weeks ROM: >2 weeks Sport-specific activities: >3 months Return to non-contact activities: >4 months Return to contact activities: >8 months
<i>Stone et al.</i>	2015	NA	NA	NA	NA	Arthroscopic	Yes (lateral) No (medial)	Transtibial tunnels	In-out suture Transtibial tunnel	13 Microfractures+cartilage graft 11 Microfractures 10 Cartilage paste graft	None: 0 (0%) I: 0 II: 0 III: 8 IV: 41	Full weight bearing: >1 months ROM: immediate
<i>Zaffagnini et al.</i>	2016	Fresh-frozen	Nonirradiated	Author's Institution Bank	Anthropometric+ radiographs	Arthroscopic	No	Transtibial tunnel (posterior)	All-inside sutures	14 HTO	NA	Non-weight bearing: 0-2 weeks

								Out-in suture (anterior)		10 ACL reconstruction 9 Microfractures 3 Osteochondral scaffold 2 Revision ACL 2 Mosaicoplasty 2 DFO		Full weight bearing: >6 weeks ROM: >2 weeks Sport-specific activities: >3 months Return to non-contact activities: >4 months Return to contact activities: >8 months
<i>Kocher et al.</i>	2016	NA	NA	NA	Radiographic	Mini-open	Yes	Bone plug	Inside-out suture Out-in suture	1 Chondroplasty	NA	Full weight bearing: >6 weeks ROM: immediate (0-30°)
<i>Waterman et al.</i>	2016	NA	NA	NA	NA	NA	NA	NA	NA	93 ACL reconstruction 24 Cartilage treatment 13 HTO 7 Other 3 PCL reconstruction	NA	NA
<i>Saltzamn et al.</i>	2017	Fresh- frozen	Nonirradiated	AlloSource	Radiographic	Mini-open	Yes	Bone plug\slot	Inside-out suture	19 ACL reconstruction	NA	Full weight bearing: >4-6 weeks ROM: immediate Return to non-contact activities: >5-6 months Return to contact activities: >6-9 months