

Appendix

TABLE E-1 Total OCAMRISS Scoring Table for Patients in This Study*

OCAMRISS Score	0	1	2
Cartilage features			
Cartilage signal of graft	Normal (17)	Altered intensity (hypointense or hyperintense, but not fluid) (23)	Fluid signal intensity on all sequences (0)
Cartilage fill of graft (percentage of volume)	76% to 100% (20)	51% to 75%, or >100% (14)	<50% (6)
Cartilage edge integration at host-graft junction	No discernible boundary (6)	Discernible boundary (16)	Discernible fissure >1 mm (18)
Cartilage surface congruity of graft and host-graft junction	Flush (20)	<50% offset of host cartilage (16)	>50% offset of host cartilage (4)
Calcified cartilage integrity of graft	Intact, thin, and smooth (2)	Altered (disrupted, thickened, or blurred) (38)	
Bone features			
Subchondral bone plate congruity of graft and host-graft junction	Intact and flush (2)	Disrupted or not flush by >1 subchondral thickness (38)	
Subchondral bone marrow signal intensity of graft relative to epiphyseal bone	Normal (3)	Abnormal (bone marrow edema pattern or hypointensity on all sequences) (37)	
Osseous integration at host-graft junction	Crossing trabeculae (20)	Discernible cleft (20)	
Presence of cystic changes of graft and host-graft junction	Absent (19)	Present (21)	
Ancillary features			
Opposing cartilage	Normal (15)	Abnormal (25)	
Meniscal tears	Absent (15)	Present (25)	
Synovitis	Absent (6)	Present (34)	
Fat pad scarring	Absent (0)	Present (40)	

*Reproduced, with modification, from: Meric G, Gracitelli GC, McCauley JC, Pulido PA, Chang EY, Chung CB, Bugbee WD. Osteochondral allograft MRI scoring system (OCAMRISS) in the knee: interobserver agreement and clinical application. *Cartilage*. 2015 Jul;6(3):142-9. The numbers listed in parentheses are the total number of grafts with the corresponding appearance.