

SUPPLEMENTARY TABLE S1. MICROSCOPIC APPEARANCE OF ALL DEFECTS, BASED ON THE HISTOLOGIC SCORING SYSTEM

Category	Implantation site	Implantation time (months)	Surface irregularity	Bonding to adjacent cartilage	Regenerated subchondral bone	Inflammatory cell infiltration around implant	Chondrocyte clustering	Freedom from degenerative changes in adjacent cartilage	Metachromasia	Hyalinity	Total
Control1	TG	1	0.5	1	0	2	0	2.5	0	0	6
Control2	TG	1	1	1.5	0.5	1.5	0	1.5	0	0.5	6.5
Control3	TG	4	0	2	1	2	0	2	1	1	9
Control4	TG	4	2	2	1	2	0	2	2	2	13
Control5	TG	4	1	2	1	1.5	0	2	1	1	9.5
Control6	TG	4	3	1.5	0.5	2	1	2	2	2	14
Control7	TG	4	2.5	2	1	2	1.5	2	2	2	15
Control8	MC	4	3	2	1	2	2	2.5	2	2	17
Control9	MC	4	3	2	1	2	1.5	2	2.5	2	16.5
SVF1	MC	1	0	1	0	1.5	0.5	2	3	0.5	6
SVF2	MC	1	0	2	0	1.5	0	1.5	0	0	5
SVF3	TG	1	1	2	0	2	0	1.5	0.5	0	7.5
SVF4	MC	4	0.5	2	1.5	2	1.5	2	3	2	14.5
SVF5	MC	4	3	2	2	2	1.5	2.5	3	2.5	18.5
SVF6	TG	4	3	2	2	2	2	2	3	2.5	18.5
SVF7	TG	4	2.5	2	0.5	1	0	2	1	1	10
SVF8	MC	4	2	2	2	2	1.5	1	2	2.5	15
SVF9	MC	4	2	2	1	2	1	2.5	1.5	2	14
SVF10	TG	4	3	2	1	2	1.5	2	1	2	14.5
SVF11	TG	4	2.5	2	1	2	1.5	2	2	2	15
ASC1	TG	1	0	1	0	2	0	2	0	0	5
ASC2	MC	1	1.75	2	0	2	1	2.75	2.25	2.5	14.25
ASC3	MC	1	1.5	1.5	0	1.5	0.5	2	0.75	1	10.75
ASC4	TG	4	2	2	0	2	0	1	1	1	9
ASC5	MC	4	0	2	0	2	0	2	1.5	1	8.5
ASC6	MC	4	3	2	1	2	1	2	3	2.5	16.5
ASC7	MC	4	1.5	2	0.5	1	0	2	0.5	1	8.5
ASC8	MC	4	1.5	2	1	1	0	2	1	1	9.5
ASC9	TG	4	3	2	0	2	1.5	2	2	2	13.5
ASC10	MC	4	1.5	2	2	2	1.5	3	1.5	1.5	15
ASC11	MC	4	2	2	1	1	1	2	1.5	2	12.5
ASC12	TG	4	2	2	2	2	1	2	1	2	14
Max score			3	2	2	2	2	3	3	4	21

MC, medial condyle; TG, trochlear groove.