

TABLE E-1 Data on the Specimens

Specimen	Age of Donor (yr)	Failure Load (N)	Mechanism of Failure	Observation of Sutures
Single-row repair				
1	60	50	Anchor pull-out	Both sutures intact
2	70	450	Sutures cut through tendon	Sutures/anchor intact
3	68	250	Sutures cut through tendon	Sutures/anchor intact
4	67	315	Sutures cut through tendon	Sutures/anchor intact
5	51	339	Midsubstance tendon tear	Sutures/anchor intact
6	47	101	Suture failure	1 snapped, 1 cut through
7	57	40	Suture failure	1 snapped, 1 untied
8	61	250	Suture failure	1 cut through, 1 snapped
Mean and standard deviation		224 ± 147.9		
Double-row repair				
9	59	350	Sutures cut through tendon	Sutures/anchor intact
10	67	250	Midsubstance tendon tear	Sutures/anchor intact
11	70	350	Midsubstance tendon tear	Lateral sutures snapped at 150 N
12	51	311	Midsubstance tendon tear	Lateral sutures snapped at 175 N
13	61	350	Midsubstance tendon tear	Lateral sutures snapped at 350 N
14	57	300	Suture failure	1 lateral untied, 1 lateral snapped at 200 N
15	63	300	Sutures cut through tendon	Lateral sutures snapped at 150 N
16	66	350	Sutures cut through tendon	Medial sutures snapped at 160 N
Mean and standard deviation		320 ± 96.9		