

Appendix E-1

TABLE E-1 Demographic and Clinical Data by Case

Case	Sex, Age (yr)	BMI (kg/m ²)	Comorbidities*	Previous Extensor Mechanism Reconstruction	Anatomical Location
1	F, 73	36	HTN, CAD	None	Patellar tendon
2	F, 65	34	HTN, OSA, DM2	None	Patellar tendon
3	M, 61	41	Morbid obesity, OSA	None	Patellar tendon
4	F, 75	37	HTN, DM2	None	Patellar tendon
5	F, 56	39	RA	None	Patellar tendon
6	M, 72	37	HTN, history of poliomyelitis	None	Patellar tendon
7	F, 65	26	Metastatic adenocarcinoma	Primary repair	Patellar tendon
8	F, 42	25	RA	Primary repair	Patellar tendon
9	M, 80	42	Morbid obesity, DM2	None	Quadriceps tendon
10	M, 75	27	DM2, RA, HTN	Achilles tendon allograft	Patellar tendon
11	F, 79	34	HTN, CAD	None	Patellar tendon
12	F, 64	48	Breast cancer	None	Patellar tendon
13	M, 52	42	Hepatitis C, HTN	None	Patellar tendon
14	F, 65	33	Clotting disorder	None	Patellar tendon
15	F, 64	27	HTN, DM2, CAD	None	Quadriceps tendon
16	F, 56	36	None	Patellar fracture tension wire	Patellar fracture
17	F, 82	24	HTN, hypothyroidism	None	Patellar tendon
18	F, 59	30	Chronic THA MRSE infection	None	Quadriceps tendon
19	F, 61	43	HTN, DM2, bilateral breast carcinoma	Extensor mechanism allograft	Patellar tendon
20	F, 53	33	None	None	Quadriceps tendon
21	F, 72	28	HTN, MRSA carrier	None	Quadriceps tendon
22	M, 48	27	Bilateral THA	None	Patellar fracture
23	M, 76	34	CAD, OSA	None	Patellar fracture
24	M, 71	33	Parkinson disease	None	Quadriceps tendon
25	F, 63	36	HTN, CAD, hypothyroidism	None	Patellar fracture
26	M, 43	42	Morbid obesity, mental illness	Hamstring tendon allograft	Patellar tendon
27	F, 70	20	Hyperthyroidism, mental illness	Extensor mechanism allograft	Patellar tendon
28	M, 53	37	CAD, HTN, OSA, obesity	None	Quadriceps tendon
29	M, 59	33	Obesity	None	Patellar tendon
30	F, 58	29	RA, spinal stenosis	None	Quadriceps tendon
31	F, 81	33	HTN, DM2	Extensor mechanism allograft	Patellar fracture
32	F, 81	52	Morbid obesity, breast cancer	None	Quadriceps tendon
33	M, 80	28	None	Achilles tendon allograft	Patellar fracture
34	F, 81	24	History of previous PJI	None	Patellar tendon
35	M, 77	31	HTN, CAD	None	Quadriceps tendon
36	M, 77	35	HTN, CHF	None	Patellar tendon
37	F, 70	32	Parkinson disease	None	Quadriceps tendon
38	F, 54	33	Multiple joint OA	None	Quadriceps tendon
39	F, 55	32	Chronic pain syndrome	None	Patellar tendon
40	F, 85	29	HTN, sleep disorder	Primary repair	Quadriceps tendon
41	M, 72	33	CLL	None	Quadriceps tendon
42	F, 78	31	Multiple joint OA	None	Quadriceps tendon
43	F, 73	37	Colon cancer	Primary repair	Patellar tendon
44	F, 65	47	Morbid obesity, mental illness	None	Patellar tendon
45	F, 50	36	Depression, fibromyalgia	None	Patellar tendon
46	F, 55	31	Mental illness, opioid dependence, smoker	Extensor mechanism allograft	Patellar tendon
47	M, 56	45	Morbid obesity	None	Quadriceps tendon
48	F, 74	44	Morbid obesity	Primary repair	Quadriceps tendon

49	F, 69	39	Chronic pain syndrome	None	Quadriceps tendon
50	F, 68	36	HTN, OSA, anxiety	Primary repair	Patellar tendon
51	M, 71	32	CAD, bladder cancer	None	Quadriceps tendon
52	M, 68	44	Morbid obesity	None	Patellar fracture
53	F, 75	27	RA, HTN, depression	None	Patellar fracture
54	F, 65	37	Clotting disorder	None	Patellar tendon
55	F, 65	34	Anxiety	None	Patellar fracture
56	M, 64	28	Multiple joint OA	None	Patellar tendon
57	F, 74	39	Obesity	None	Patellar tendon
58	F, 67	36	Obesity, DM2	None	Patellar tendon
59	F, 52	43	Morbid obesity, opioid dependence, smoker	None	Quadriceps tendon
60	F, 61	33	Opioid dependence	None	Patellar tendon
61	F, 63	37	Opioid dependence, fibromyalgia	None	Patellar tendon
62	F, 70	37	History of previous arthroplasty infections	None	Patellar tendon
63	F, 60	50	Morbid obesity, RA, DM2, contralateral AKA	None	Quadriceps tendon
64	F, 63	31	Neurological disease	None	Quadriceps tendon
65	F, 49	44	Morbid obesity	None	Patellar tendon
66	F, 70	34	None	None	Patellar tendon
67	M, 70	33	HTN, multiple joint OA	None	Quadriceps tendon
68	M, 63	29	L2 paraplegia	None	Patellar tendon
69	F, 64	27	RA	None	Patellar fracture
70	F, 54	29	DM2, depression	Primary repair	Quadriceps tendon
71	M, 65	46	Morbid obesity, HTN	None	Quadriceps tendon
72	F, 77	40	DM2, HTN	Primary repair	Patellar tendon
73	F, 37	51	Morbid obesity	Primary repair	Quadriceps tendon
74	M, 70	32	HTN, multiple joint OA	None	Quadriceps tendon
75	F, 69	41	Morbid obesity, CKD, HTN, atrial fibrillation	Primary repair	Patellar tendon
76	F, 59	44	Morbid obesity, multiple joint OA	Extensor mechanism allograft	Patellar tendon
77	F, 56	31	None	Extensor mechanism allograft	Patellar tendon

*AKA = above-the-knee amputation, CAD = coronary artery disease, CHF = congestive heart failure, CKD = chronic kidney disease, CLL = chronic lymphocytic leukemia, DM2 = diabetes mellitus type 2, HTN = hypertension, MRSA = methicillin-resistant *Staphylococcus aureus*, MRSE = methicillin-resistant *S. epidermidis*, OA = osteoarthritis, OSA = obstructive sleep apnea, PJI = periprosthetic joint infection, RA = rheumatoid arthritis, and THA = total hip arthroplasty.