TABLE E-1 Long-Term Outcome for Thirty Elbows*

Case	Side	Sex, Age *(yr)*	Diagnosis	Primary TEA Failure Mode	Follow-up *(yr)*	Preop. Stability *(points)*	Preop. Function *(points)*	Preop. Ext-Flex Range of Motion *(deg)*	Preop. Range of Motion Score *(points)*	Preop. Pain *(points)*	Preop. MEPS Score *(points)*	Postop. Stability *(points)*	Postop. Function *(points)*	Postop. Ext-Flex Range of Motion *(deg)*	Postop. Range of Motion Score *(points)*	Postop. Pain *(points)*	Final MEPS Score *(points)*	Final DASH Score *(points)*	Overall Result†
1	L	F, 60	RA	Infection	7.3	NA	0	NA	NA	NA	NA	5	5	20-110	20	45	75	91	Good
2	R	M, 71	RA	Infection	9.3	0	0	0-120	20	0	20	5	25	120-140	5	15	50	51	Poor
3	R	F, 60	JRA	Infection	2.7	0	0	5	5	0	20	0	10	90-120	5	45	60	60	Fair
4	R	F, 77	RA	Infection	9.7	0	10	20-130	20	15	45	5	15	0-140	20	30	70	80	Fair
5	L	F, 87	RA	Loosening	7.1	10	10	0-130	20	0	40	0	5	120-140	5	15	30	90	Poor
6	R	M, 58	Trauma	Infection	2.8	0	10	0-110	20	15	45	0	0	20-120	15	15	60	80	Fair
7	L	F, 79	OA	Fracture	2.8	10	10	25-120	15	15	50	0	10	90-120	5	45	60	60	Fair
8	L	F, 77	RA	Infection	26.8	10	15	63-85	5	30	60	10	15	0-90	15	45	80	60	Good
9	R	F, 57	RA	Fracture	5.0	0	0	60-100	5	0	5	0	0	0	5	45	45	90	Poor
10‡	R	F, 57	RA	Loosening	5.0	10	5	40-100	15	15	45	0	10	90-120	5	45	60	60	Fair
11‡	L	F, 57	RA	Infection	3.7	5	5	40-100	15	15	40	10	15	0-90	15	45	85	60	Good
12	R	F, 33	ON	Infection	3.4	10	15	75-110	5	0	30	5	25	90	5	30	60	70	Fair
13	R	M, 63	Trauma	Infection	28.0	5	0	65-115	5	15	25	0	15	30-120	15	15	45	66	Poor
14	R	F, 51	JRA	Infection	26.3	10	15	45-110	15	15	55	0	5	120-140	5	15	30	90	Poor
15	L	F, 74	RA	Infection	18.2	5	0	35-110	15	15	35	0	0	20-120	15	15	60	80	Fair
16	R	M, 77	Trauma	Loosening	7.3	5	5	30-110	15	15	35	10	25	0-140	20	30	80	60	Good
17	R	F, 63	RA	Infection	3.3	0	15	0-150	20	15	50	0	5	0-120	20	30	55	77	Poor
18	L	F, 81	RA	Infection	4.8	10	20	40-130	15	0	45	5	5	20-120	15	45	75	91	Good
19	L	F, 72	OA	Infection	16.9	5	10	20-120	15	0	30	5	25	120-140	5	15	50	51	Poor
20	R	F, 63	ON	Infection	13.7	10	10	90-115	5	15	40	0	5	120-140	5	15	30	90	Poor
21	L	F, 57	RA	Infection	12.9	NA	0	NA	NA	NA	NA	5	5	20-120	15	45	75	91	Good
22	L	M, 66	Charcot	Infection	12.5	10	15	30-120	20	30	75	5	25	120-140	5	15	50	51	Poor
23	L	M,	RA	Infection	3.7	5	20	0-120	20	30	75	0	10	90-120	5	45	60	60	Fair

		87																
24	L	M, 65	Trauma	Infection	10.6	10	15	45-90	5	15	45	10	15	0-90	15	45	85	60	Good
25	R	F, 66	Trauma	Infection	8.1	5	10	40-90	5	0	20	0	0	0	5	45	45	90	Poor
26	L	F, 47	Trauma	Infection	5.2	5	0	70-90	5	0	10	0	10	90-120	5	45	60	60	Fair
27	R	M, 71	Infection	Infection	6.5	5	0	60-90	5	15	25	0	10	90-120	5	45	60	60	Fair
28	L	F, 77	RA	Fracture	20.1	5	15	15-135	20	15	55	10	15	0-90	15	45	85	60	Good
29	R	F, 63	Trauma	Loosening	22.9	5	10	30-110	15	0	30	5	25	90	5	30	60	70	Fair
30	R	M, 94	RA	Infection	22.7	0	5	30-85	5	15	25	0	15	30-120	15	15	45	66	Poor

*TEA = total elbow arthroplasty, MEPS = Mayo Elbow Performance Score, NA = not available, RA = rheumatoid arthritis, JRA = juvenile rheumatoid arthritis, ON = osteonecrosis, OA = osteoarthritis.
†Overall results are based on the final Mayo Elbow Performance Score, with ≥90 indicating excellent; 75 to 89, good; 60 to 74, fair; and <60, poor results. ‡Indicates same patient with bilateral resections.