

TABLE E-1 Data on the Patients with At Least Two Years of Follow-up*

Case	Primary Diagnosis	Age (yr)	Sex	TEA†	Type‡	Treatment (Along with Implant Revision)	Duration of Follow-up (yr)	MEPS	Range of Motion (deg)	Complications
1	Septic arthritis	71	M	P	U-II-2	—	2.1	85	80	Deep infection
2	Posttraumatic	64	F	P	U-II-2	Strut augmentation	2.7	100	150	No
3	Rheumatoid	58	F	R (0)	U-II-2	Strut augmentation	5.1	95	120	No
4	Posttraumatic	80	F	P	U-II-2	Strut augmentation	5.1	95	80	No
5	Rheumatoid	51	F	P	U-II-2	Strut augmentation	10.1	85	120	No
6	Posttraumatic	68	F	R (0)	U-II-2	Strut augmentation	5.2	85	150	No
7	Rheumatoid	75	F	P	U-II-2	Strut augmentation	8.4	80	40	No
8	Rheumatoid	52	F	P	U-II-2	Strut augmentation	4.4	80	120	Humeral fracture
9	Nonunion	70	F	P	U-II-2	Strut augmentation	7.1	75	100	No
10	Rheumatoid	67	F	P	U-II-3	APC	6.2	100	120	No
11	Posttraumatic	84	F	P	U-II-3	APC	2	100	135	No
12	Rheumatoid	54	F	P	U-II-3	APC	2	85	115	No
13	Rheumatoid	60	F	R (0)	U-II-3	APC	2.1	70	70	No
14	Posttraumatic	66	M	R (2)	U-II-3	Impaction allograft	2.2	100	120	Positive culture
15	Posttraumatic	76	M	R (0)	U-II-3	Impaction allograft	5.2	55	150	No
16	Posttraumatic	56	F	P	U-II-3	Struts and impaction autograft	5.4	100	120	Superficial infection
17	Rheumatoid	65	F	R (0)	U-II-3	Struts and impaction autograft	8.6	90	60	No
18	Posttraumatic	74	F	R (1)	U-II-3	Struts and impaction autograft	9.4	65	80	No
19	Rheumatoid	51	F	P	U-II-3	Struts and impaction autograft	2.5	65	135	Ulnar loosening
20	Rheumatoid	55	F	R (0)	U-II-3	Struts and impaction autograft	2.9	60	150	Nerve dysfunction
21	Posttraumatic	63	F	R (0)	U-II-3	Struts and impaction autograft	3.7	40	150	Deep infection

*TEA = total elbow arthroplasty, MEPS = Mayo Elbow Performance Score (possible range, 0 to 100), P = primary, R = revision, APC = allograft-prosthetic composite. †The number of previous revisions is given in parentheses. ‡U-II-2 indicates a fracture around a loose ulnar stem, with adequate bone stock, and U-II-3 indicates a fracture around a loose ulnar stem, with severe bone loss.

TABLE E-2 Results for Patients with Isolated Mayo U-II Periprosthetic Fracture Fixation, Additional Olecranon Fracture Fixation, or Additional Humeral Revision*

	N	Extension† (deg)	Flexion† (deg)	Pronation † (deg)	Supination† (deg)	MEPS†	Moderate or Severe Pain (no. of patients)
Isolated Mayo U-II fracture fixation	12	29 ± 24	138 ± 17	72 ± 21	65 ± 32	79 ± 21	2 (17%)
Additional olecranon fracture fixation†	4	11 ± 14	142 ± 9	74 ± 12	57 ± 23	79 ± 9	1 (25%)
Additional humeral revision†	8	26 ± 20	131 ± 19	73 ± 15	61 ± 21	89 ± 8	0

*Note that three elbows had both the olecranon fixed and the humerus revised. †The values are given as the mean and the standard deviation.

