

TABLE E-1 Baseline Data

	Dynamic Splinting Cohort	Static Splinting Cohort
Sex (M/F)	18/13	22/13
Mean age (range) (yr)	45 (22 to 68)	43 (19 to 70)
Occupation ( <i>no. of patients</i> )		
Desk-based work	14	15
Manual labor	10	9
Unemployed	7	7*
Students		2
Athlete		1
Fracture type ( <i>no. of patients</i> )		
Elbow fracture-dislocation	16	16
Distal humeral fracture	10	17
Radial head fracture	3	1
Olecranon fracture	2	1
Open fracture ( <i>no. of patients</i> )	9	10
Fracture mechanism		
Fall from standing height	15	10
Fall from greater height	10	14
Motor vehicle accident	5	6
Gunshot	1	1
Fight		3
Sports accident		1
Side		
Left side ( <i>no. that were dominant</i> )	17 (2)	20 (2)
Right side ( <i>no. that were dominant</i> )	14 (14)	15 (13)
Injuries on ipsilateral side		
Proximal humeral fracture	2 (with scaphoid fracture in 1)	
Posterior Monteggia forearm fracture	1	
Distal radial fracture	1	4 (with scaphoid fracture in 1)
Scaphoid fracture	1	
Proximal humeral fracture		
Radial shaft and scaphoid fractures and compartment syndrome		1
Metacarpal fracture		2
Scapholunate interosseous ligament tear		1
Contralateral injuries		
Radial head fracture	1	
Posterior Monteggia fracture-dislocation	1	
Distal radial fracture		1
Initial treatment†		
Open reduction and internal fixation	24 (in 6 with RHP)	29 (with RHP in 3, and ext. fix. in 1)
Excision of radial head	1	
Irrigation and debridement and external fixation	1	
Closed reduction	5	6 (1 had extensive forearm fascia release and 1 had perc. pinning)
Patients who had additional surgery prior to enrollment ( <i>no. of operations</i> )	8 (15)	9 (24)‡
Enrollment after initial treatment§	24 at 8wk (2 to 31 wk)	28 at 10 wk (3 to 34 wk)
Enrollment after additional surgery§	7 at 6 wk (1 to 22 wk)	7 at 4 wk (2 to 10 wk)

\*One was retired. †RHP = radial head prosthesis, ext. fix. = external fixation, and perc. = percutaneous. ‡One of these patients had 13 prior surgeries. §The values are given as the number of patients and the mean number of weeks to enrollment, with the range in parentheses.