

TABLE E-1 Patient Data

Case	Sex	Age at Operation (years)	Type of Deformity	Time from Injury to Surgery (months)	Follow-up Term (months)	Side	Affected Bone	Amount of Correction*		Mode of Correction Osteotomy**	Bone Graft	Internal Fixation***	Combined Surgery****
								Around Deformity Axis (degrees)	Along Deformity Axis (mm) [†]				
1	M	10	Cubitus varus deformity	24	25	L	Humerus	28	0	CW	No	Kirschner wires	
2	M	35	Cubitus varus deformity	326	21	L	Humerus	22	0	CW	No	Plate and screws	
3	M	15	Cubitus varus deformity	145	19	R	Humerus	35	0	RT	No	Plate and screws, TBW	
4	M	14	Cubitus varus deformity	122	30	R	Humerus	25	0	CW	No	TBW	
5	F	16	Malunited forearm fracture	100	24	L	Radius	46	-3	RT+S	No	Plate and screws	
							Ulna	13	0	CW	No	Plate and screws	
6	M	33	Malunited forearm fracture	20	18	L	Radius	20	0	OW	Yes	Plate and screws	OR DRUJ
							Ulna	55	0	RT	No	Plate and screws	
7	M	15	Malunited forearm fracture	19	25	R	Radius	30	-2	RT+S	No	Plate and screws	
							Ulna	18	0	OW	Yes	Plate and screws	
8	M	12	Malunited forearm fracture	6	22	L	Radius	31	0	RT	No	Plate and screws	
							Ulna	16	0	OW	Yes	Plate and screws	
9	M	14	Malunited forearm fracture	9	23	L	Radius	45	0	RT	No	Plate and screws	
10	M	21	Malunited forearm fracture	18	21	L	Radius	33	0	OW	Yes	Plate and screws	
11	M	39	Malunited forearm fracture	35	19	L	Radius	36	2	RT+L	Yes	Plate and screws	OR DRUJ
12	M	29	Malunited forearm fracture	6	18	L	Radius	67	10	RT+L	Yes	Plate and screws	OR DRUJ
13	F	30	Malunited forearm	7	18	L	Ulna	17	0	OW	Yes	Plate and screws	

			fracture										
14	M	18	Malunit ed forearm fracture	83	14	L	Radius	21	0	RT	No	Plate and screws	
							Ulna	13	0	CW	No	Plate and screws	
15	F	49	Malunit ed distal radial fracture	6	31	L	Radius	41	0	OW	Yes	Plate and screws	
16	F	72	Malunit ed distal radial fracture	6	28	L	Radius	51	4	RT+L	Yes	Plate and screws	
17	F	56	Malunit ed distal radial fracture	22	26	L	Radius	36	0	OW	Yes	Plate and screws	
18	F	68	Malunit ed distal radial fracture	15	26	L	Radius	34	0	OW	Yes	Plate and screws	
19	M	23	Malunit ed distal radial fracture	5	24	R	Radius	17	0	OW	Yes	Plate and screws	
20	M	19	Malunit ed distal radial fracture	8	18	L	Radius	27	0	OW	Yes	Plate and screws	
21	F	53	Malunit ed distal radial fracture	23	17	L	Radius	28	0	OW	Yes	Plate and screws	Osteosynth esis of the ulnar styloid nonunion
22	F	63	Malunit ed distal radial fracture	7	16	L	Radius	49	0	OW	Yes	Plate and screws	

*Amount of correction was determined by preoperative three-dimensional computer simulation. ** CW: closing wedge osteotomy, RT: rotational osteotomy, OW: opening wedge osteotomy, +S: with shortening, +L: with lengthening. ***TBW: tension band wiring. ****OR DRUJ: open reduction of the distal radioulnar joint. †The minus sign reflects shortening whereas the plus sign reflects lengthening along the deformity axis in cases of rotational osteotomy.