	L L I Data (m me ran	ents and Surg	ical Procedure	8						
Case	Age at Initial Surgery		Side of	Type of Forearm	No. of			Persistent	Restrictions of Activities of	Cosmetic	Duration of Follow-
No.	(yr)	Gender		Deformity	Operations	Surgical Procedures†	Complications‡	Pain§	Daily Living#	Appearance**	up†† (yr)
1	6	M	R	IIa	2	EE/EE UL CRO RHRed		_	+	U	13
	12		L	III	1	EE		_	_	S	13
2	12	M	R	III	1	EE		_	_	S	8
	3		L	I	5	EE CRO/UL/EE/CRO/CRO		+	_	U	7
3	11	F	R	I	1	EE UL CRO			_	S	13
	10	1	L	IIb	1	EE UL CRO	Callus fracture	_	_	S	14
4*	10	F	R	III	2	EE CRO/EE RL CRO	Canas macture	_	_	S	10
	10	1	L	I	1	EE UL		_	_	U	13
5*	22	M	R	I	1	EE UL CRO	Nonunion, RNN	_	+	S	10
-	23		L	I	1	EE UL CRO	Nonunion	+	_	S	10
6*	11	F	R	I	1	EE		_	_	S	11
	10		L	I	1	EE UL	Nonunion	_	_	S	11
7	10	F	R	I	1	EE UL	Callus fracture	_	_	S	9
-	5		L	I	2	EE UL CRO/EE UL		_	_	U	10
8	16	M	R	I	2	EE UL/EE UL RL CRO		_	+	S	10
9	5	F	R	I	3	EE UL/EE/CRO CUO		+	_	U	8
10	6	M	L	I	1	EE UL CRO		_	_	U	14
11	10	M	L	I	2	EE CRO CUO/UL EE		+	_	U	12
12	11	F	R	IIb	1	EE UL CRO RHRed		_	+	U	29
13	14	M	L	I	1	EE UL RL		_	+	S	7
14*	11	M	R	III	1	EE RL CRO		_	_	S	7
15*	18	M	R	IIa	1	EE RHRes		_	_	S	27
16	23	M	R	IIb	1	EE RHRes		_	_	S	22
17	5	M	L	I	1	EE		_	_	S	14
18	8	M	R	I	1	EE		_	_	S	11
	8		L	Ι	1	EE		_	_	S	11
19	15	M	R	Ι	1	EE		_	_	S	7
20	12	M	R	Ι	1	EE		_	_	S	6
21	9	M	R	III	1	EE		_	_	S	39
22	16	M	L	I	1	EE		_	_	S	11
23	12	M	L	т	1	EE			i	S	11

*No family history. †EE = excision of exostoses, UL = ulnar lengthening, RL = radial lengthening, CRO = corrective radial osteotomy, CUO = corrective ulnar osteotomy, RHRed = radial head reduction, and RHRes = radial head resection. ‡Nonunion = nonunion at the site of ulnar lengthening, callus fracture = fracture of callus at the site of ulnar lengthening, and RNN = radial nerve neurapraxia. \$Persistent pain was classified as none (-), mild (+), moderate (++). #Restrictions of activities of daily living was classified as none (-), mild (+), moderate (++), or severe (+++). **S = satisfactory, and U = unsatisfactory. ††The duration of follow-up from the final surgical procedure to the time of evaluation.

TABLE E-2 Questionnaire

	No Difficulty	Mild Difficulty	Moderate Difficulty	Severe Difficulty	
Activities of Daily Living*	Difficulty	Billicalty	Bifficulty	Bifficulty	
Open a tight or new jar					
Write					
Turn a key					
Push open a heavy door					
Carry a heavy object (>5 kg)					
Wash or blow dry your hair					
Brush your teeth					
Use a knife and fork to cut and eat food					
Use a keyboard					
Recreational activities that require little effort (e.g., playing cards, knitting, etc.)					
	None	Mild	Moderate	Severe	
Pain*					
Arm, elbow, forearm, wrist, or hand pain when you are at rest					
Arm, elbow, forearm, wrist, or hand pain when you perform any light activity					
Arm, elbow, forearm, wrist, or hand pain when you perform any strenuous activity					
Stiffness in arm, elbow, forearm, wrist, or hand					
Appearance of the elbow, forearm, or wrist	Satisfactory		Unsatisfactory		

^{*}With regard to activities of daily living and pain, the worst result (none, mild, moderate, or severe) for a symptom was adopted.