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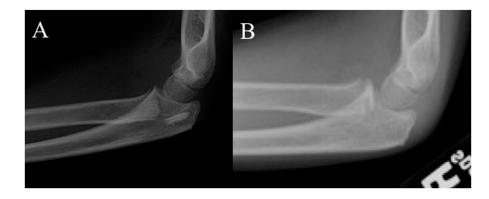


Fig. E-1

A 14.6-year-old boy sustained a Grade-3 radial neck fracture and lateral collateral ligament injury in a fall (**Fig. E-1A**). The fracture was stable following open reduction (**Fig. E-1B**), and at eleven months postoperatively, his clinical examination was notable only for a 5° flexion contracture.

TABLE E-1 Cohort Characteristics*	
Characteristic	
Mean age \pm SD (yr)	8.4 ± 2.9
Patients <10 years of age (no. [%])	113 (75%)
Male (no. [%])	60 (40%)
Mean BMI \pm SD (kg/m ²) (n = 115)	18.5 ± 4.6
Injury mechanism <i>(no. [%])</i> Fall Sports	130 (86%) 21 (14%)
Surgery ≥3 days postinjury (no. [%])	44 (29%)
Referred to clinic ≥1 day postinjury (no. [%])	65 (43%)
Duration of follow-up (mo) All patients	
Mean \pm SD	13.3 ± 20.0
Median (IQR)	4.7 (2.0, 12.5)
Patients with final outcome data (n = 131): median (IQR)	6.0 (2.4, 15.6)
*Unless otherwise indicated, $n = 151$.	

TABLE E-2 Definition of Successful Postoperative Outcome			
Active elbow flexion ≥120°			
Flexion contracture <20°			
Forearm rotation ≥90°			
At least 45° of both supination and pronation			
Absence of osteonecrosis, premature physeal arrest, or neurovascular injury			
Heterotopic ossification permitted if no disqualifying motion limitations			

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Failed Fixation Methods	Definitive Fixation Method				
	Closed Reduction without Fixation (N = 63)	Closed Pin/Wire (N = 32)	Closed Metaizeau Procedure (N = 10)	Any Open Reduction $(N = 46)$	Total (N = 151)
None	63	7	4	11	85
Closed reduction without fixation		25	2	20	47
Other closed procedure			4	13	17
Any open procedure				2	2