

TABLE 21.—*Radial nerve palsy*¹

Needed function	Preferred motor	Alternate motors
Wrist extension (ECRB)	Pronator teres	
Finger extension (EDC)	Flexor carpi ulnaris (or)	
and thumb extension (EPL)	Flexor digitorum superficialis (long and ring)	Palmaris longus to extensor pollicis longus
Proximal thumb stability (APL)	Split insertion—flexor carpi radialis to abductor pollicis longus	(or) Palmaris longus tenodesis with extensor pollicis brevis

¹ Omer, George E., Jr. 1983. The palsied hand. Ch. 16 in *Surgery of the Musculoskeletal System*, vol. 1, ed. C. McCollister Evarts, London: Churchill Livingstone.