

TABLE 23.—Combined low median–low ulnar palsy^{1,2}

Needed function	Preferred motor	Alternate motors
Thumb adduction (AP)	Brachioradialis with graft between 3rd-4th metacarpus to abductor tubercle 1st metacarpal	Direct insertion, flexor digitorum superficialis (Brand/Goldner) (or) Split insertion, flexor digitorum superficialis
Thumb opposition (APB)	Extensor indicis proprius	Extensor digiti quinti (or) Extensor carpi ulnaris (or) Palmaris longus
Metacarpal-phalangeal joint flexion/interphalangeal joint extension (integration of MP and IP motion)	Extensor carpi radialis longus (four-tailed graft) to either flexor sheath or dorsal apparatus	Brachioradialis (or) Flexor carpi radialis (or) Flexor digitorum superficialis (Stiles/Bunnell)
Thumb—index tip pinch interosseous)	Abductor pollicis longus slip to 1st dorsal interosseous tendon (and) Arthrodesis MP of thumb	Extensor pollicis brevis (and) Arthrodesis MP of thumb
Metacarpal (palmar) transverse arch, and little finger adduction	Extension digiti to proximal phalanx (extensor digitorum communis to little finger must be active)	

¹ Omer, George E., Jr. 1982. Combined nerve palsies. In Green, D. P., ed.: *Operative Hand Surgery*, New York: Churchill Livingstone.² Omer, George E., Jr. 1983. The palsied hand. In Everts, C. McCollister, ed.: *Surgery of the Musculoskeletal System*, vol. 1, London: Churchill Livingstone.