

TENDON TRANSFERS FOR ULNAR NERVE PALSY

Types	At wrist: 'low' At elbow 'high'	
Loss	Adductor, (FPB) Interossei Lumbricals 3&4 FDM, ADM High FCU, FDP 4 & 5	
Functional loss	Thumb key & pinch Index key & pinch Grip weak ring & little (high) abnormal windup sequence Clawing, loss of fine dexterity	
Clinical signs	Duchenne Froment Masse Pollock	Bouvier, Jeanne Wartenberg



Surgery

Key pinch	Adductorplasty	EIP FDS ring (RoyleThompson) BR + graft ECRL + graft
		Type of movement determined by pulley & insertion
	Index abduction	EIP APL & graft EPB & graft
Anticlaw	Static/ MCP capsulodesis types	Capsular shortening Capsular reefing
	Active/ MCP flexion types	Direct lasso FDS PL & graft EIP
	Where to insert?	
	Recreate intrinsics types	FDS 4 tailed ECRL & graft PL & graft Also BR, FCR
		Common principle – volar to deep transverse MC ligament
Wartenburg	Ulnar half EDM rerouted round EDC 5, insert volarly to IMC lig. Alternative ulnar half EDC 4	
Grip in high palsy	Tenodesis FDP ring & little to middle	