



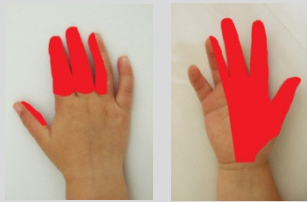
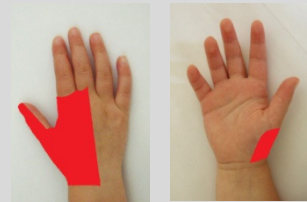
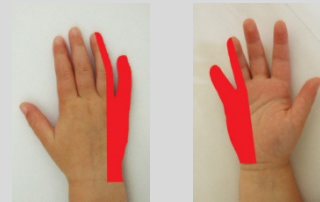


Assessment of Neurological Status in Upper Limb Injuries

Nerve	Median	Radial	Ulnar	AIN (Anterior Interosseous)
Paediatric fractures associated with neurological deficit ¹ :	Supracondylar (4%) Radius & Ulna	Supracondylar (4-6%) Humeral Shaft	Supracondylar (2%) Radius & Ulna	Supracondylar (5%) Radius & Ulna (Diaphyseal)
Motor Assessment	 Finger flexion	 Extension of wrist & MCP joint	 Small muscles of hand (finger abduction & adduction)	 Thumb flexion at IP joint & flexion of index finger at DIP joint
Sensory Assessment				N/A

Documentation of Neurological Status should **ALWAYS** include which nerves have been examined.

eg. Neurovascularly Intact (*Radial* ✓ *Ulnar* ✓ *Median* ✓ *AIN* ✓)

1. Babal et al. Nerve Injuries Associated with Paediatric Supracondylar Humeral Fractures: A Meta-Analysis. Journal of Paediatric Orthopaedics 2010

2. Davidson AW. Rock-Paper-Scissors. Injuriy. International Journal of Care of Injured. 2003; 34:61-63.