

CONGENITAL ANOMALIES OF THE HAND

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Orthopedic surgeon

Hand fellowship

Amu

FAILURE OF FORMATION

TRANSVERSE DEFICIENCIES

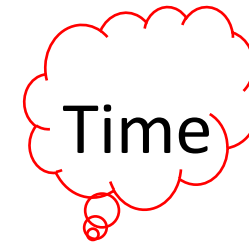


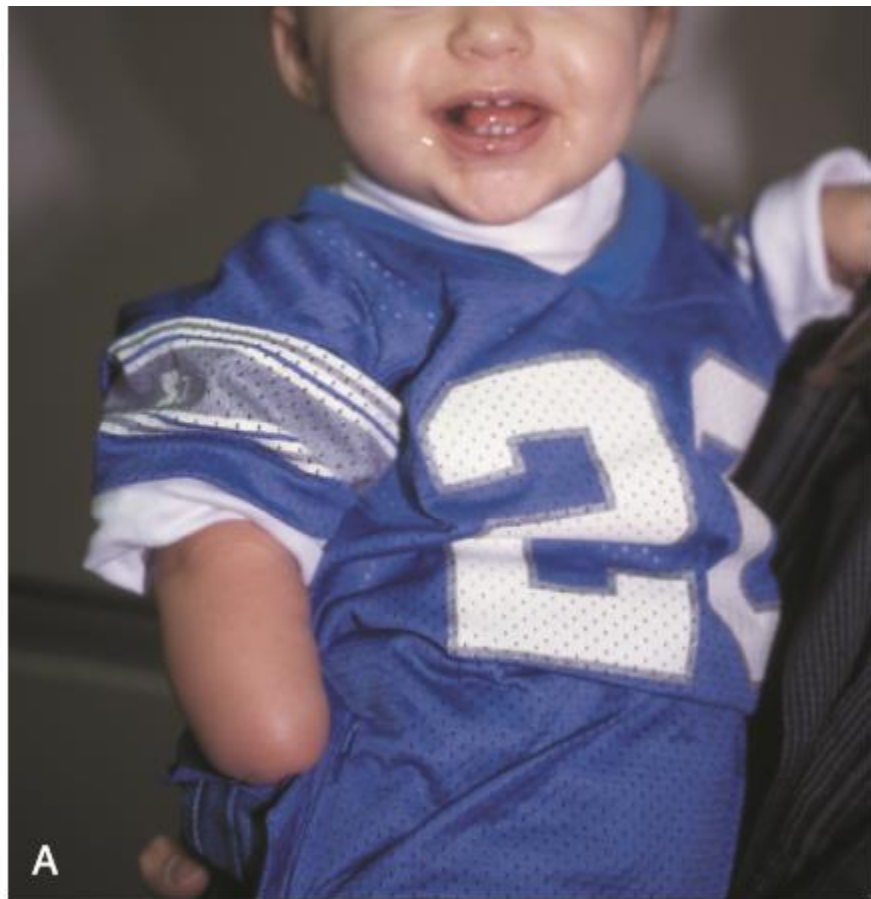
complete absence of parts

Distal to some point

Amputation-like stumps

- well-padded stump
- Hypoplasia of the more proximal muscles
- Rudimentary digital remnants
- Treatment → early prosthetic fitting
- Crawling → Independent ambulation
- choice of prosthetic → level of amputation
- Age
- Function of the child






SYNDACTYLY

- Most common congenital anomaly of the hand
- Classified as complete or incomplete




TREATMENT

- Surgical intervention is not urgent
- Massage the web
- Surgery;  before school age(older than 18 months)
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CONGENITAL TRIGGER DIGIT




TREATMENT

- Spontaneous resolution(30%)
- Gentle manipulation
- Splinting
- Surgical release  locked or painful
- Bilateral trigger thumb
- Multiple trigger digits

CAMPTODACTYLY

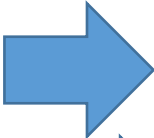



- Relative imbalance between the flexor and extensor
- TREATMENT  non operative operative
- Dynamic splinting
- Passive stretching

CONGENITAL CLASPED THUMB



- Imbalance between the flexors and extensors of the thumb
- No active extension at the MP joint (age 3 months)

- NONOPERATIVE MANAGEMENT  Splinting (3 to 6 m)
- OPERATIVE TREATMENT  Tendon transfer