

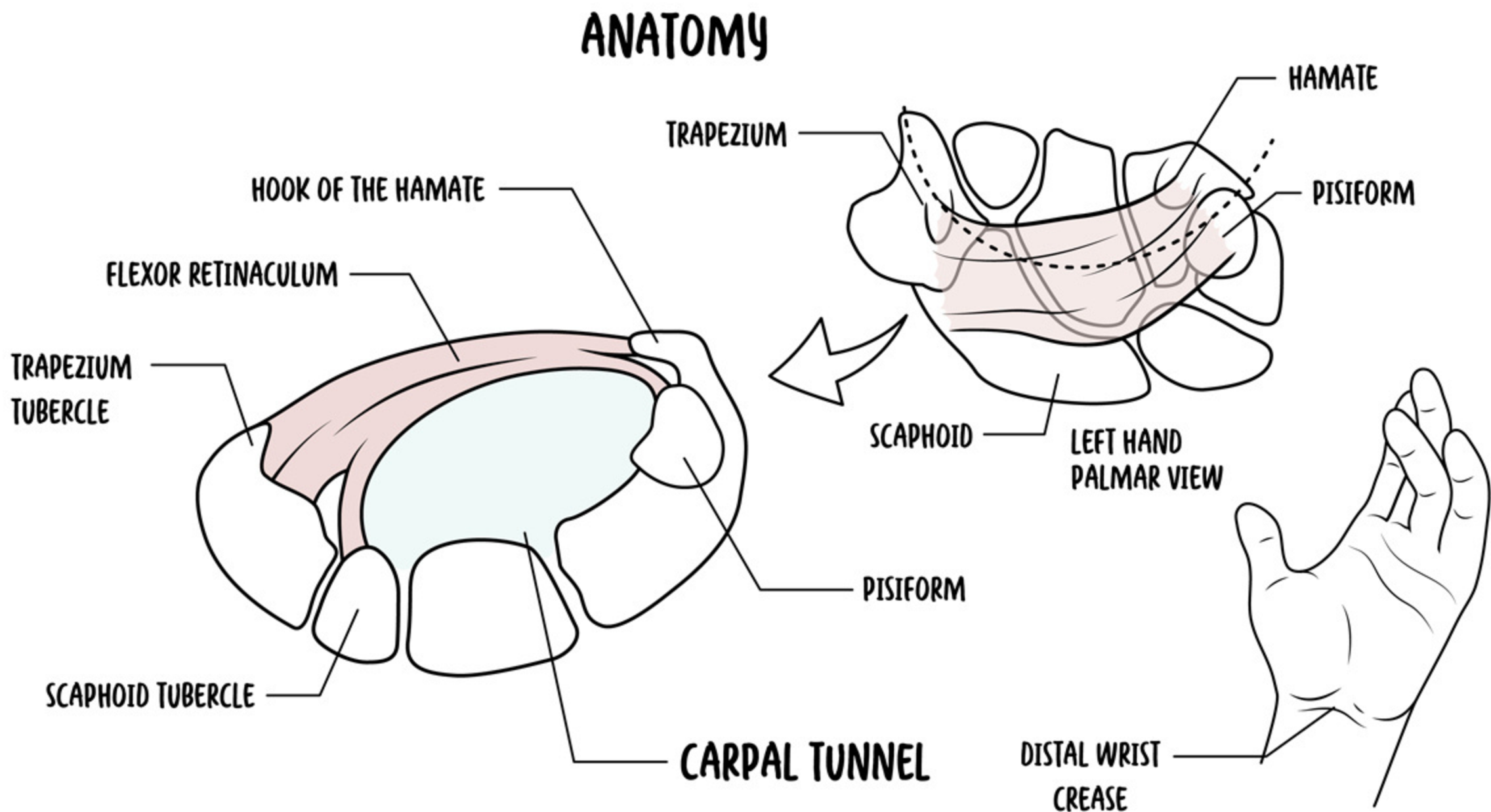
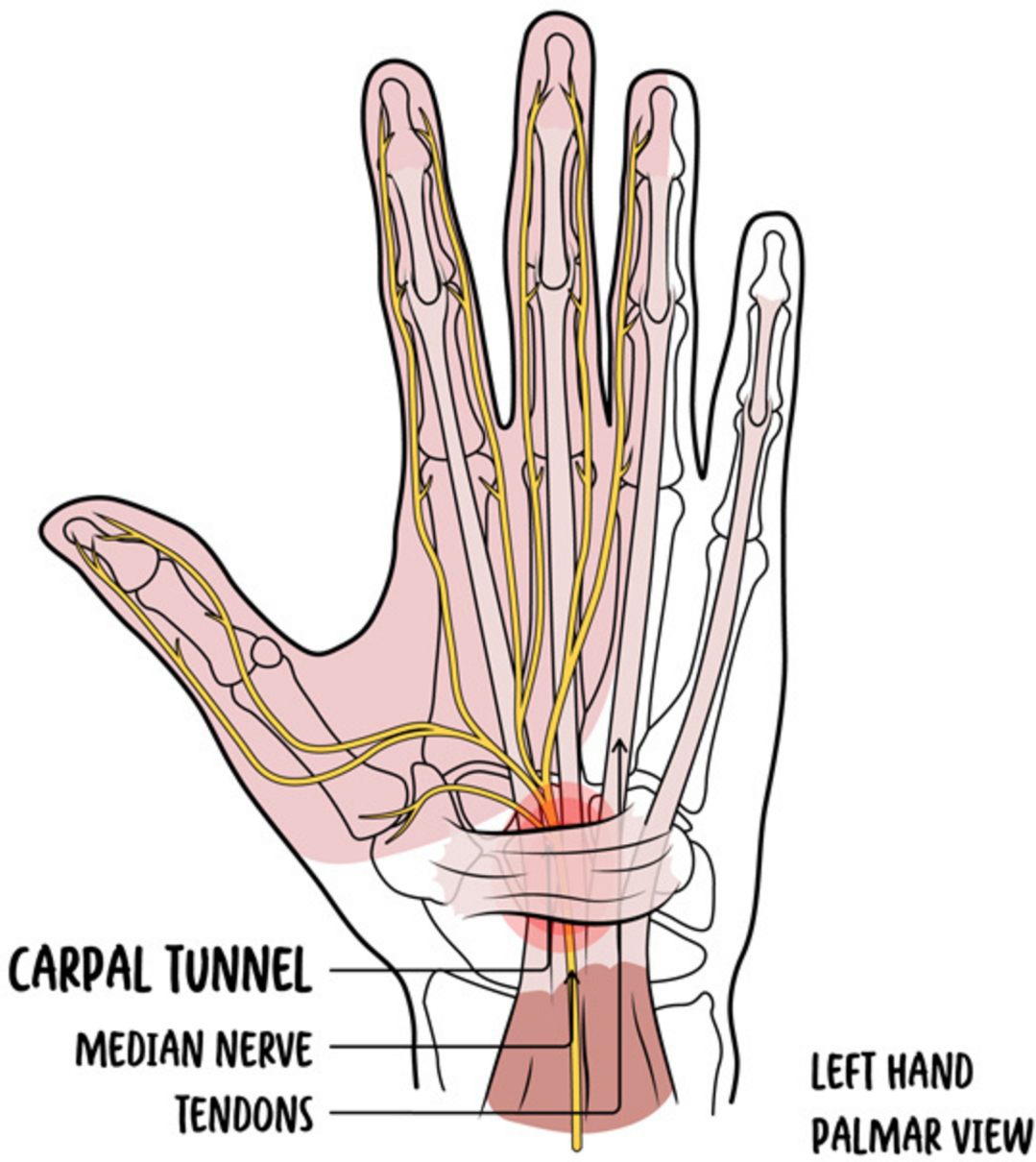
CARPAL TUNNEL SYNDROME



CARPAL TUNNEL SYNDROME

OCCURS WHEN THE **MEDIAN NERVE IS COMPRESSED**

↓
**PAIN, NUMBNESS,
AND A TINGLING SENSATION**



CONTENTS

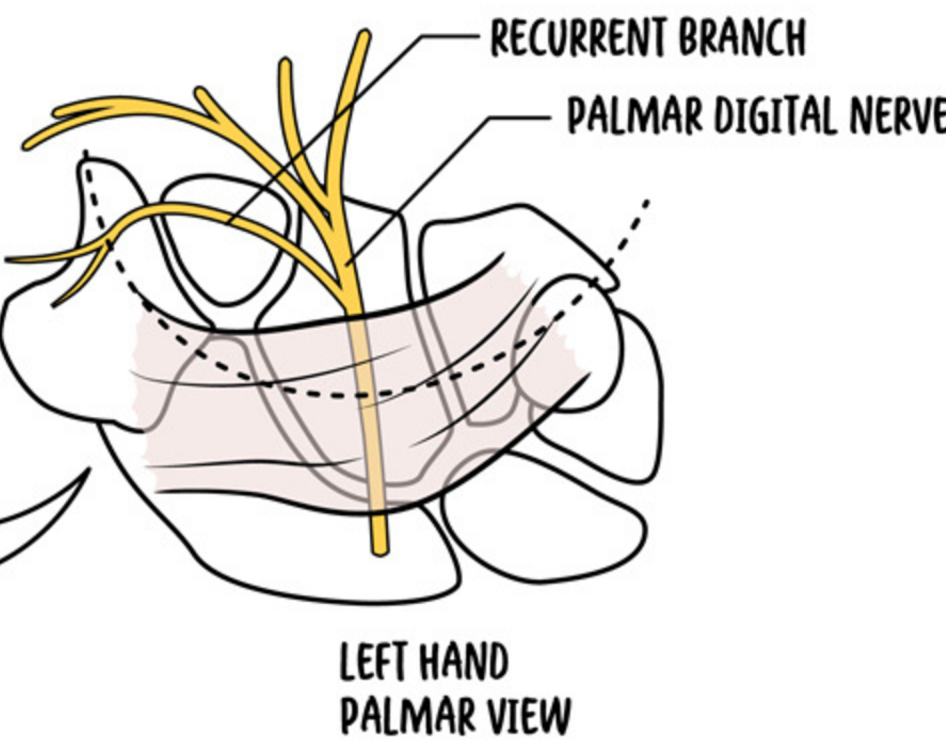
9 TENDONS

FLEXOR DIGITORUM PROFUNDUS
FLEXOR DIGITORUM SUPERFICIALIS

FLEXOR POLLICIS LONGUS
TENDON

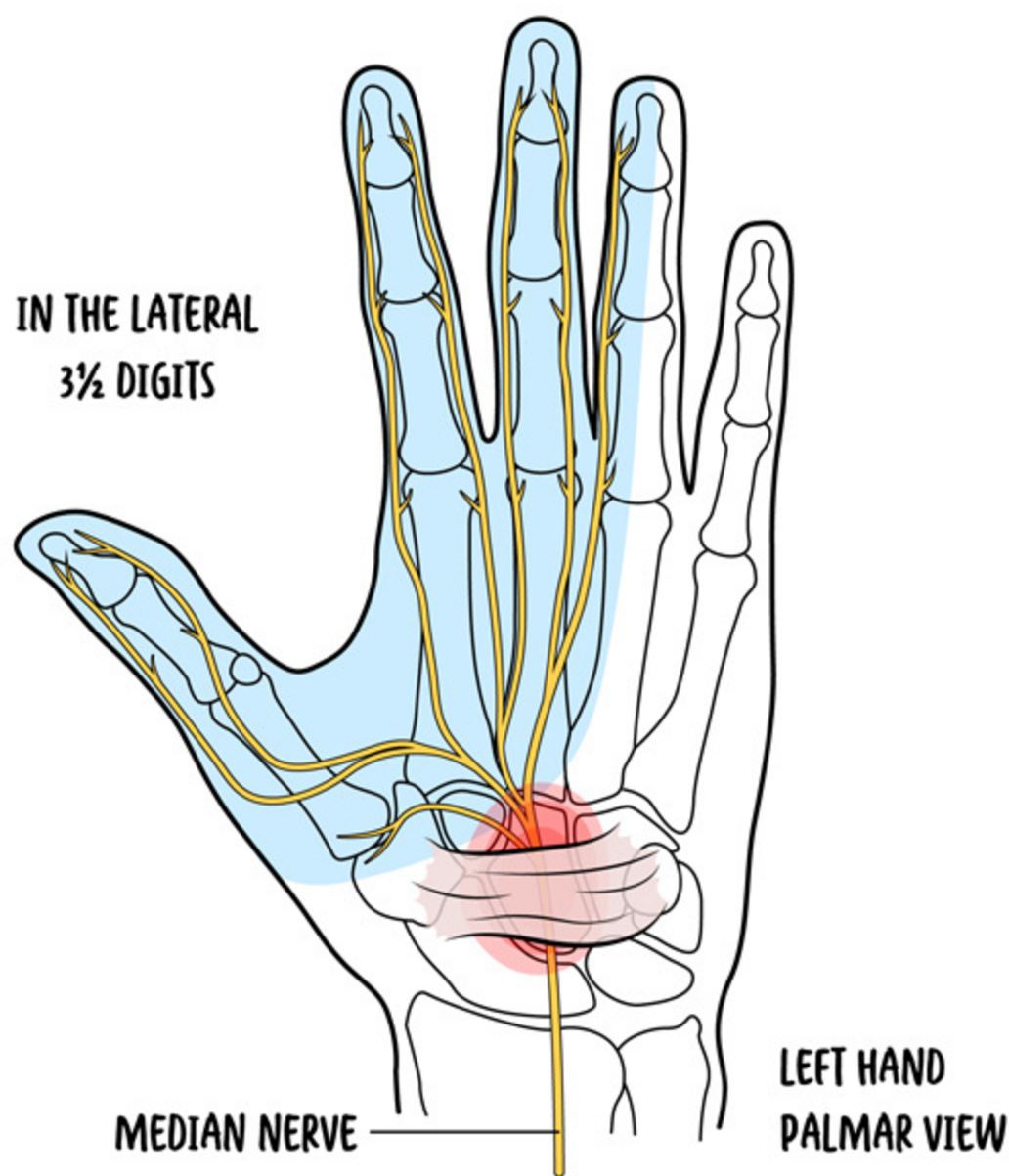
MEDIAN NERVE

CARPAL TUNNEL



CARPAL TUNNEL SYNDROME (CTS)

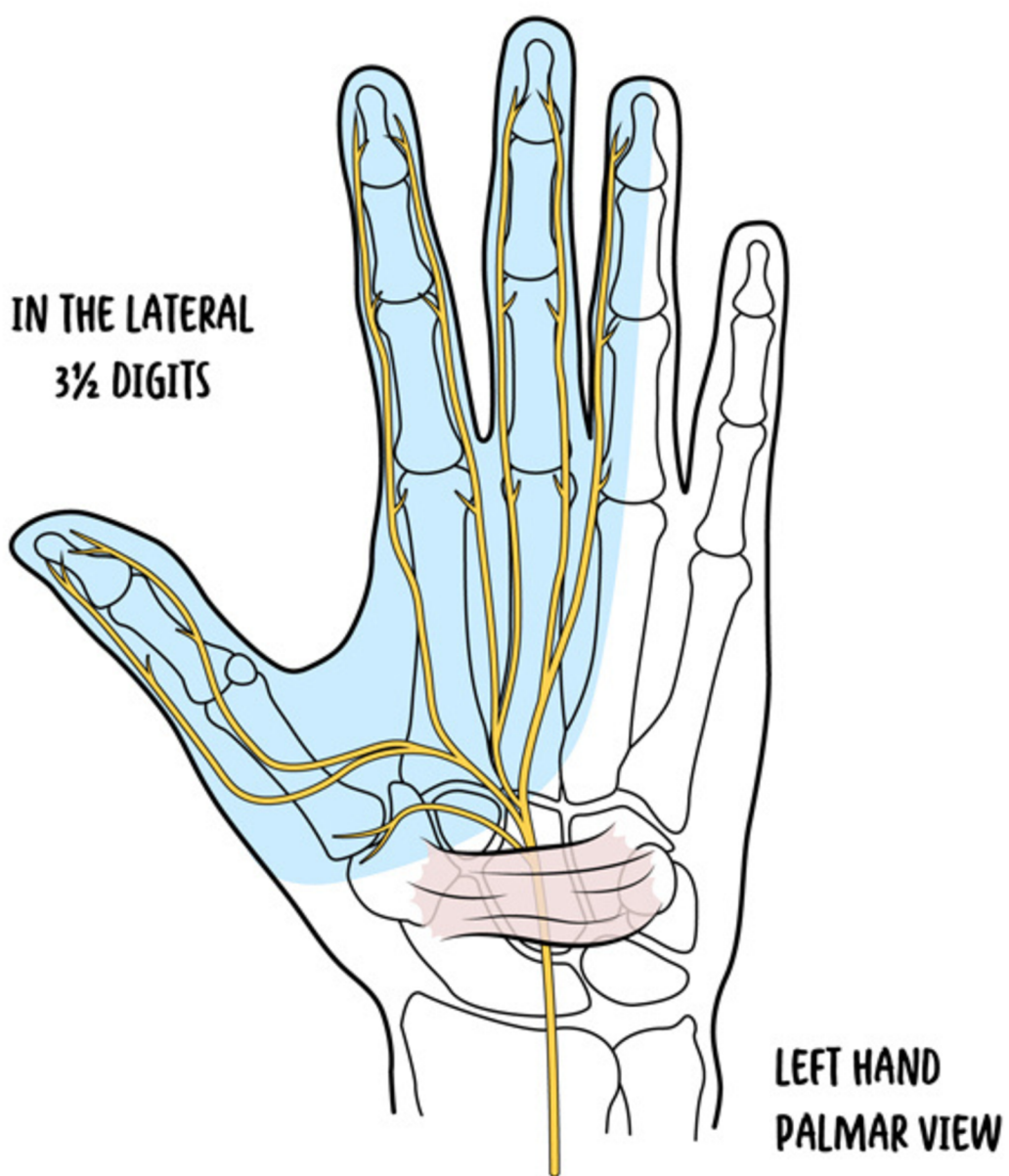
COMPRESSION OF THE MEDIAN NERVE
↳ **PAIN, NUMBNESS, AND PARESTHESIA**



CARPAL TUNNEL SYNDROME (CTS)

COMPRESSION OF THE MEDIAN NERVE
↳ **PAIN, NUMBNESS, AND PARESTHESIA**

CLINICAL PRESENTATION:
WORSENERD SYMPTOMS AT NIGHT
↑ FLUID → ↑ **PRESSURE**

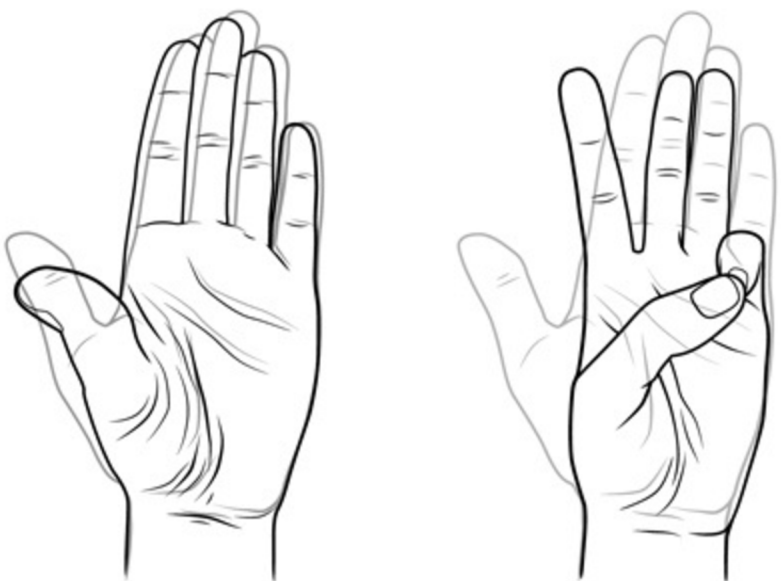


EXAMINATION

WEAKNESS OF

THUMB ABDUCTION

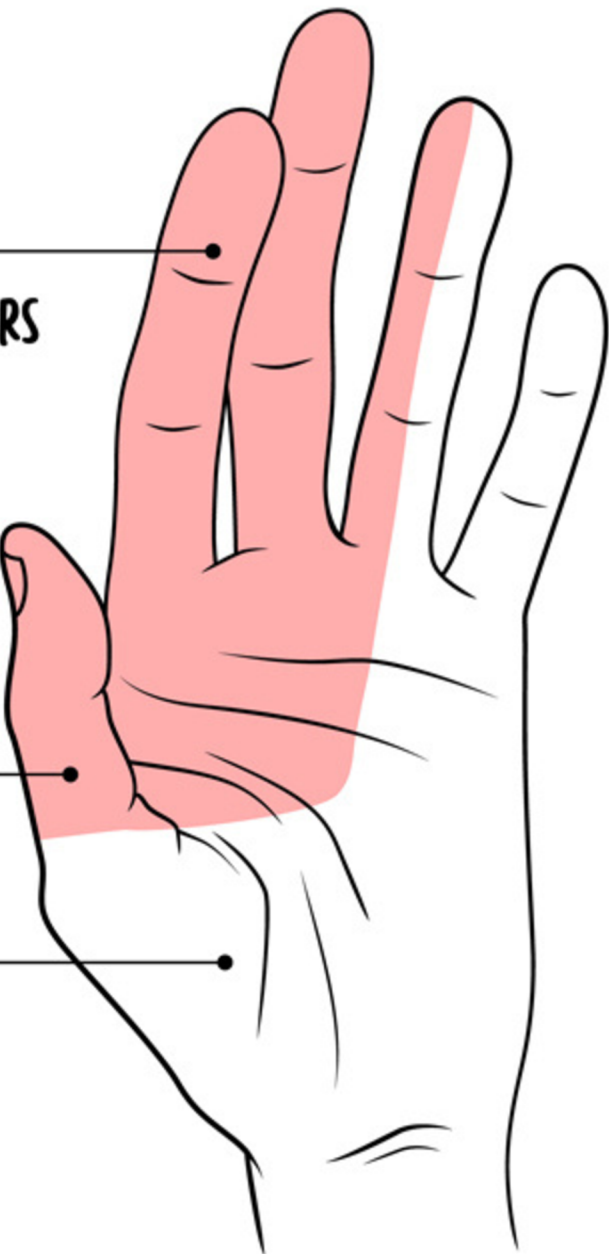
THUMB OPPOSITION



SENSORY DEFICITS
THREE AND A HALF FINGERS

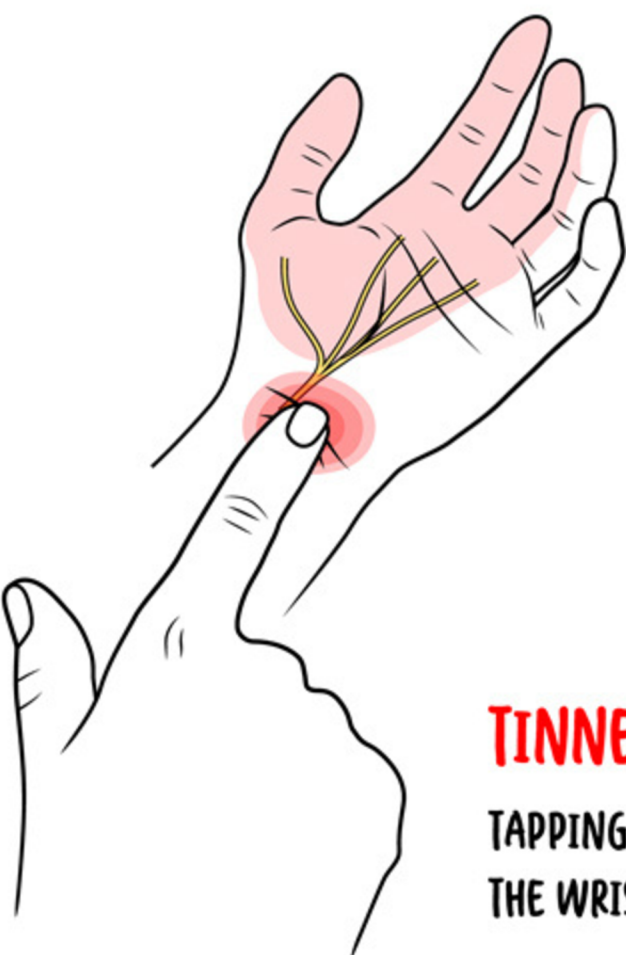
APE HAND

**ATROPHY OF THE
THENAR EMINENCE**



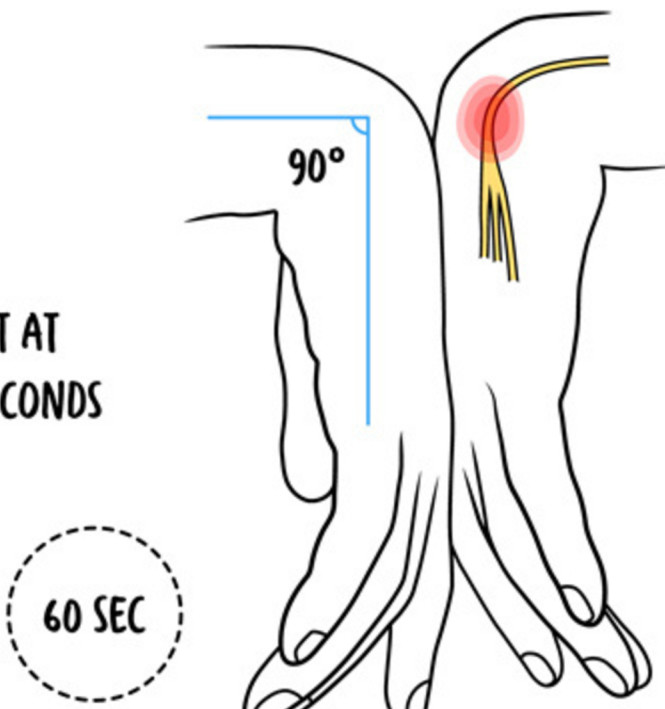
EXAMINATION

PROVOCATIVE MANEUVERS



PHALEN SIGN

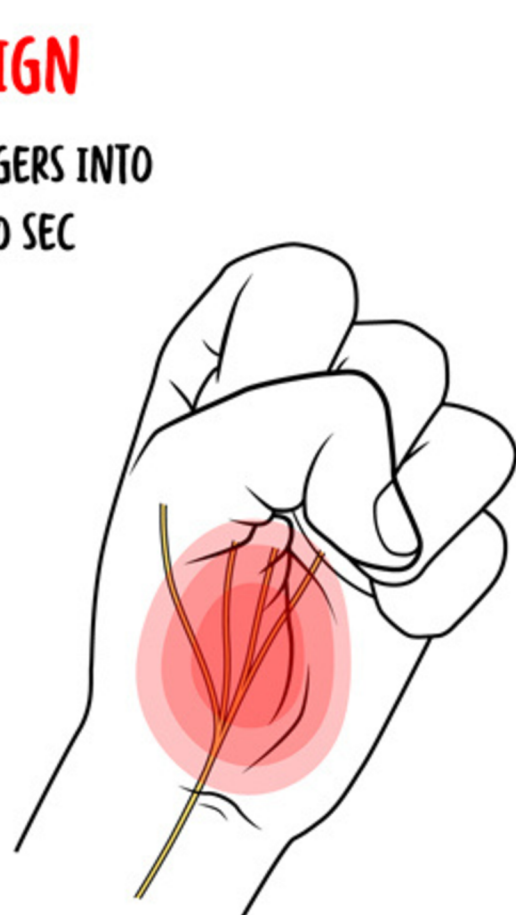
FLEXION OF THE WRIST AT
90 DEGREES FOR 60 SECONDS



CLOSED FIST SIGN

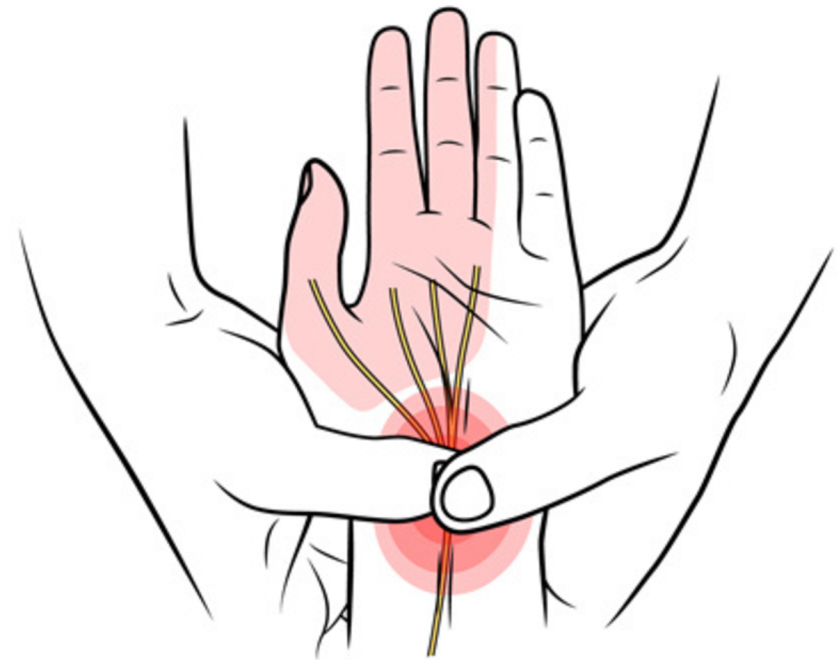
FLEXION OF THE FINGERS INTO
A CLOSED FIST FOR 60 SEC

↓
PARASTHESIA



EXAMINATION

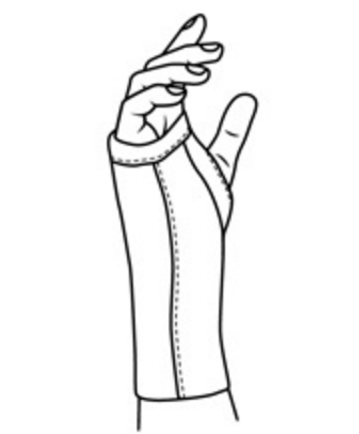
PROVOCATIVE MANEUVERS



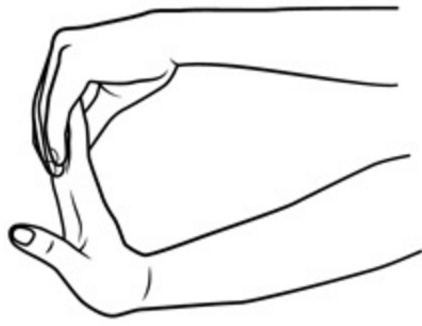
INVESTIGATION AND MANAGEMENT

NERVE CONDUCTION STUDIES IN UNCERTAIN CASES

CONSERVATIVE TREATMENT:

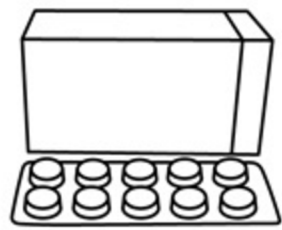


WRIST SPLINTING



HAND THERAPY

ADDITIONAL OPTIONS
NSAIDS
CORTICOSTEROID INJECTIONS



Armando H. Faigl

INVESTIGATION AND MANAGEMENT

SURGICAL TREATMENT:
CARPAL TUNNEL RELEASE SURGERY

