Carpal Tunnel Syndrome

What is it, anyway?

Feeling Young and Staying Active

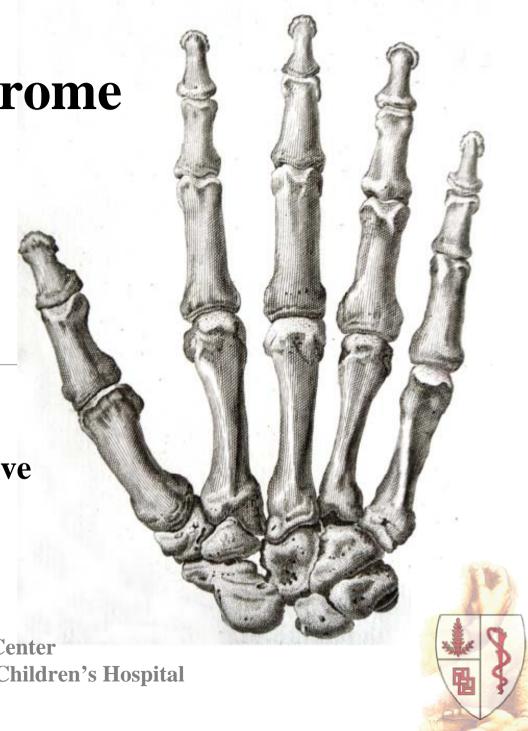
Public Forum

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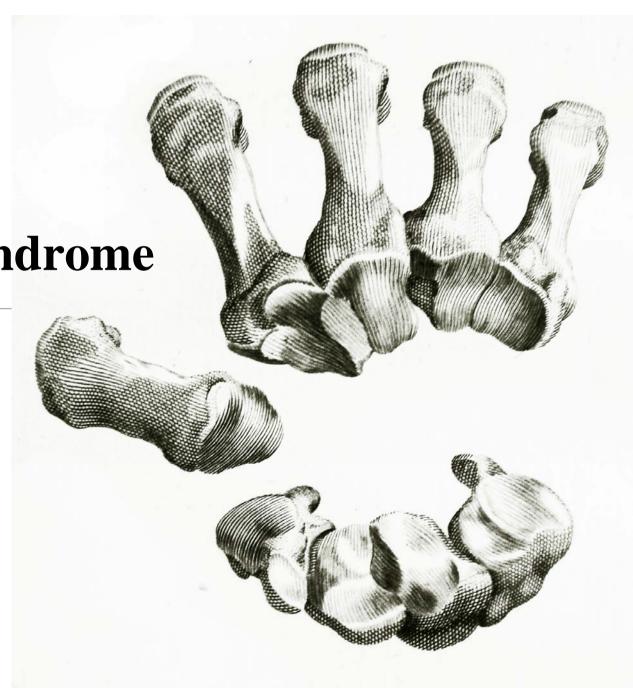


Carpal Tunnel Syndrome

Who gets it?

How can I avoid it?

How is it treated?



Hands are pretty awesome

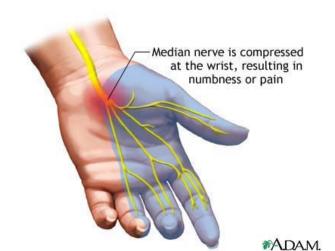
- Everyday activity
- Exquisite capability





When hands don't work

- Numbness
 - Tingling, pins and needles
- Weakness
 - Clumsiness
- Pain





Who gets carpal tunnel syndrome (CTS)?

- Women Hormonal
 - Pregnancy
 - Contraceptives
 - Menopause
- Women Anatomy



Who gets carpal tunnel syndrome (CTS)?

- Men and women
 - Activity
 - Accidents / Trauma
 - Disease



Why?

- Median Nerve pinched
 - Activity with wrist flexed or extended
 - Sleep
 - Driving
 - Bad habits



What else?

- Forceful repetitive activity
 - Heavy equipment
 - Sports
 - Vibration
 - Tendinitis



http://www.concreteremovalservice.com/driveway.htm

Other things?

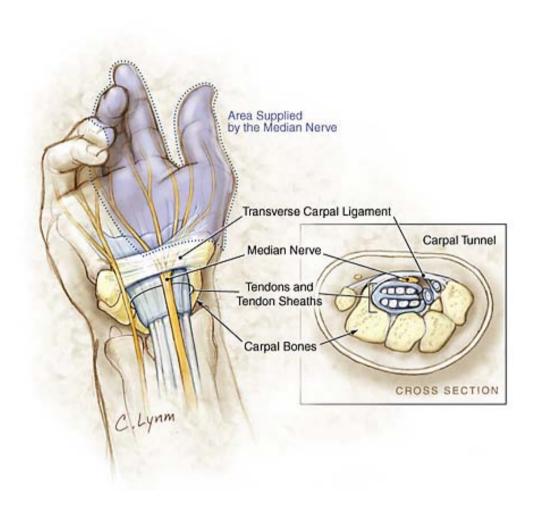
- Disease
 - Thyroid
 - Diabetes





• Inflammatory conditions (rheumatoid arthritis)

What is the carpal tunnel, anyway?



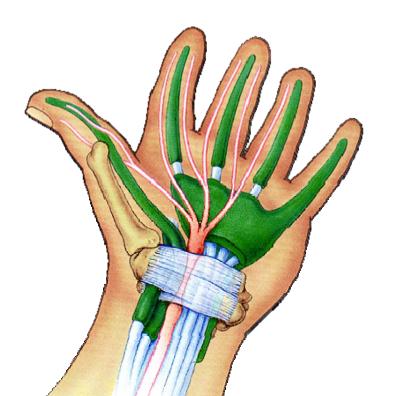


How bad is it? - Diagnosis

- Doctor's office
- "Signs and symptoms"
 - Nerve irritability
 - Muscle weakness

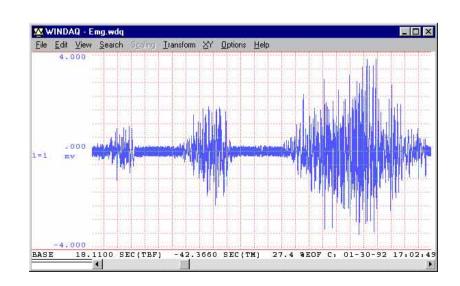


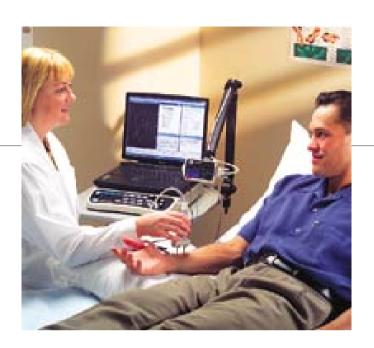


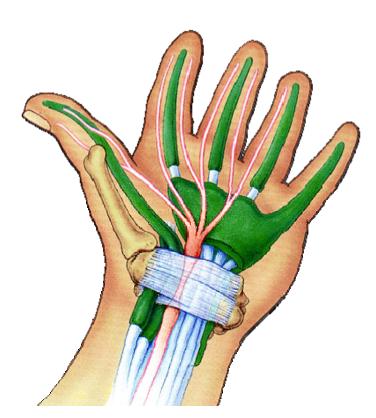


How bad is it?

- Nerve studies
 - Electrodiagnostic, EMG
- Response to treatment







How is it treated?

- Simple measures to complex
 - Splints to Surgery



How is it treated?

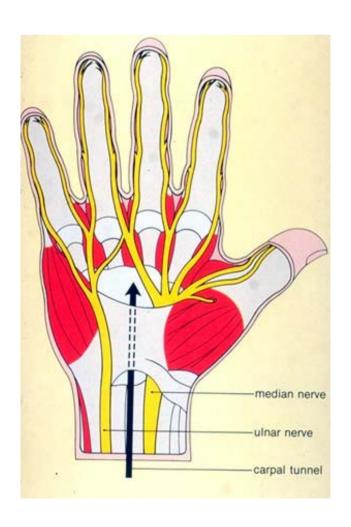
- Night splints
 - Take pressure off nerve
- Change activity
- Medicines
 - Vitamin B6, diuretics, steroids
- Injections (steroid)
- Surgery



What does surgery do?

- Cut the ligament (transverse carpal)
- Gives the nerve more room





What type of surgery?

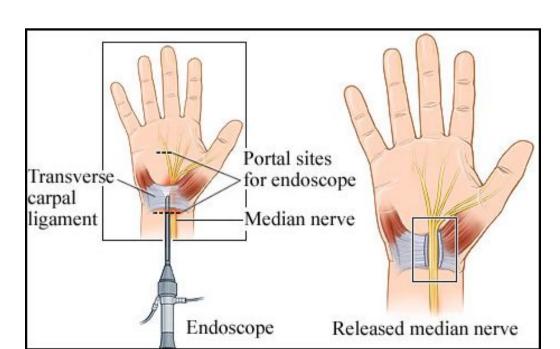
- Varying incisions and techniques
- They all work
- By a surgeon
 - Orthopaedic surgeon

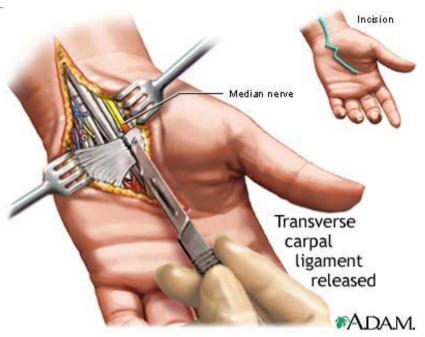


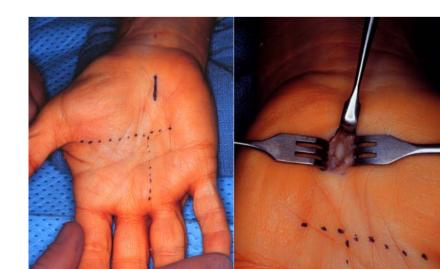
• Hand surgeon (orthopaedic, plastic, neurosurgeon)

Types of releases

- Extended incision
- Limited incision(s)
- Endoscopic







Symptom relief with surgery?

• Numbness, weakness, pain

• Mild - cure

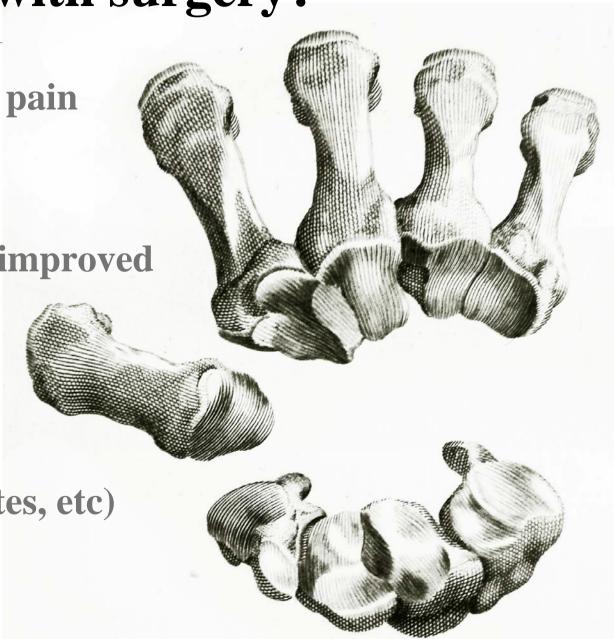
Moderate – cure to improved

Severe

Varies

• Other diseases (diabetes, etc)

• Varies

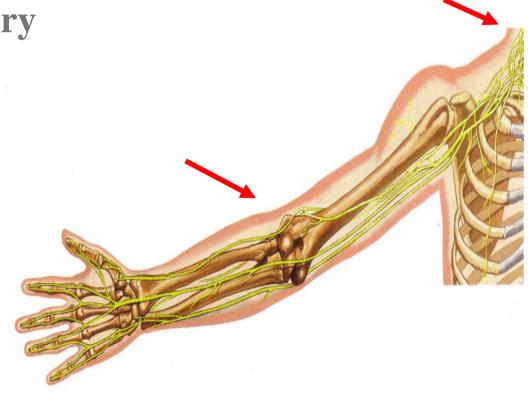


When is it NOT carpal tunnel syndrome?

- Other sites of compression
- Chronic tendinitis (repetitive stress)

• Doesn't respond to surgery





Thank you

