

## Carpal Tunnel Surgery

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When conservative measures fail, surgery is also an option for a carpal tunnel syndrome with success rates in the 85% to 95% range. Surgery is done on an outpatient basis under a local anesthetic. In most cases, the surgery takes under 10 minutes and it involves a small incision in the middle of the palm to release the ligament over the nerve. After surgery, you will be in a bulky dressing for two days after surgery. Then, you will see the therapist who will remove the dressing, place a lighter dressing, and begin an exercise program. Approximately one week after the surgery, you will see me for suture removal. At that time, you can let the incision get wet and begin wrist exercises.

To assure your understanding, I recommend a preoperative appointment to discuss the surgery, risks and benefits and answer any questions. You will also see me the day of surgery. If any questions come up, we will answer them then. Though the surgery is quite safe, there are some inherent risks. Please see the surgery section. These risks include the risk of anesthesia, infection, nerve, vessel, or tendon injury, stiffness, and pain. Usually, surgery goes very well and the success rate is high but unfortunately, the results of surgery cannot be guaranteed.

Most hand surgery is performed on an outpatient basis. I operate at the Guilford Surgery Center, CO Branford Surgery Center and Yale New Haven Hospital. My secretary will contact you and will find the time and location that works best for the surgery, as well as getting approval from your insurance company. I feel equally comfortable at all facilities to do surgery. If you have any questions, please talk to me or my staff.

**Wide awake surgery:** Currently I am performing carpal tunnel releases under a local anesthetic, known as WALAN. In these surgeries, patients can stay on ALL their normal medications including anti-inflammatories and anticoagulants. Under wide awake surgery, you can typically have coffee, tea or juice in the morning. For carpal tunnel surgeries, scientific studies have not demonstrated a benefit or need for prophylactic antibiotics.

The day of surgery, you will have a very large bulky dressing that looks like a boxing glove. Please wear a loose-fitting garment since the dressing is big, to help control swelling. In most cases, the therapist will remove it in two days, and you will be placed in a smaller dressing to. For a complex surgery, the dressing may stay on up to 10 days, but this will be clearly noted in your postoperative appointment cards. When you leave surgery, you will have a packet that includes two appointment cards; one to see the therapist for the dressing and the second to see me for your postoperative check. You will also be given a series of instruction sheets that is also



included in this website, postoperative instructions. Prescriptions are electronically sent to your pharmacy.

Two days after surgery, I encourage you to return as quickly as you can to normal activities using your fingers and a week later, the wrist. Most people ask, "how long does it take to recuperate after the surgery?" There is no hard and fast answer. As I mentioned, two days after the surgery, you should begin moving your fingers and a week later, your wrist. I encourage you to return to normal activities as quickly as you can, progressively use the hand more and more every day. Driving is fine once you feel you have control of the car and you are off narcotic medications. Keyboarding is fine as soon as you start to get comfortable; heavy lifting usually takes three to four weeks.

The surgery is successful in most cases. There are risks included, but are not limited to the risk of anesthesia, infection, nerve, vessel, or tendon injury, recurrent scar tissue, pain, reflex sympathetic dystrophy, (abnormal pain output); these complications occur less than 5% of the time.

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Revised 12/21/10

Updated 3/1/2019

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