Hand and Upper Extremity Clinic

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Endoscopic Carpal and Cubital Tunnel Release Surgery Post Surgery Information and Care

After an endoscopic carpal and cubital tunnel release, keep the surgical dressing clean and dry, elevate your hand to reduce swelling, and perform finger range-of-motion exercises as tolerated. Avoid heavy lifting and repetitive motions for at least 4 weeks, do not drive while taking narcotic pain medication, and protect your hand from water until your follow-up appointment or your doctor advises otherwise.

Wound care and dressing

- **Keep it dry:** Keep the initial dressing clean and dry for the first few days. You can cover it with a plastic bag to shower, but keep it dry otherwise.
- **Dressing changes:** Do not remove the initial dressing unless instructed by your doctor. Your doctor will remove it at your follow-up appointment.
- Drainage: It's normal for the incision to ooze a small amount of clear, yellow, or bloody fluid for a day or two.
- When to call the doctor: Contact your doctor if you see thick, white pus, or if redness around the incision worsens.

Pain and swelling management

- **Elevation:** Keep your hand elevated above your heart as much as possible, especially for the first few days, to minimize swelling.
- Medication: Take pain medication as prescribed. Follow your doctor's
 instructions and let pain guide your activity level. You may be advised to use
 over-the-counter pain relievers after the first few days.
- Ice: You can apply ice to the area as directed by your surgeon.

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Activity and movement

- **Finger and wrist movement:** Begin gentle finger and wrist range-of-motion exercises immediately to prevent scarring. Gently open and close your hand and bend and extend your wrist within a comfortable range.
- Rest: Rest your hand when you feel tired. Avoid strenuous activities.
- **Light activity:** You can start light activities like writing, typing, or preparing food as tolerated, but avoid pain-inducing movements.
- **Avoid heavy lifting:** For the first 1-2 weeks, avoid lifting anything heavier than a cup of coffee or soda can (about 1-2 pounds).
- Avoid impact: Do not engage in any activities that cause vibration or impact for at least 6-8 weeks, such as using power tools or gardening with a heavy-duty tiller.
- **Driving:** Do not drive until you are no longer taking narcotic pain medication and can comfortably and safely grip the steering wheel with both hands.

Follow-up and long-term care

- **Follow-up appointments:** Attend your follow-up appointments, as your doctor will remove sutures and assess your progress.
- **Physical therapy:** Your doctor may recommend physical therapy, which is often a key part of the recovery process to help with scarring and regain strength.
- **Return to activities:** The recovery process varies, but many patients may take 3-6 months to feel ready for all activities. Gradual return is key.
- **Scar massage:** Your doctor may recommend massaging the scar with lotion to help reduce sensitivity and promote healing once the incision is fully closed.