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POSTOPERATIVE INSTRUCTIONS

ULNAR NERVE TRANSPOSITION

WHAT IS NORMAL?

- The ulnar nerve is manipulated during this procedure and it is not uncommon to have some numbness or tingling into the small and ring fingers following this surgery. This can sometimes take 4-6 weeks to resolve, but most commonly improves after a few days.
- Some nausea and/or vomiting is normal after general anesthesia. We try to minimize this by giving anti-nausea medications, and having the anesthesiologists use certain medications, but it is often unavoidable in some people. If this persists for greater than 24 hours please alert our office.
 - We provide everyone with a prescription for an anti-nausea medication. This is a relatively expensive prescription, so we recommend not filling the prescription unless nausea becomes a persistent problem.
- A sudden increase in pain is common when the numbing medication wears off. This typically occurs anywhere between 6 and 24 hours after the surgery. It is impossible to predict because everyone's body metabolizes the medication differently.
 - We recommend taking some pain medication even when you are relatively comfortable as once the block or numbing medicine wears off it takes a long time to catch up to the pain. If you have some pain medicine in your system it is easier to get ahead of the pain.
- A fever in the first 1-2 days after surgery is common. This is related to collapse of some of the small air sacs in the lungs which triggers a fever response. The best treatment for this is deep breathing and coughing. If the fever persists beyond 48 hours after surgery or is more than 102 degrees, please call our office.

DIET

- Begin with clear liquids and light foods (jellos, soups, etc.)
- Progress to your normal diet if you are not nauseated

WOUND CARE

- Maintain your operative dressing, loosen bandage if swelling of the hand or wrist occurs
- It is normal for the elbow to bleed and swell following surgery – if blood soaks through the bandage, do not become alarmed – reinforce with additional dressing. You can purchase extra gauze or an ABD or abdominal pad at the drug store and wrap an additional tape over this.
- Leave splint on for 1 week, Dr. Mall will see you back in the office and remove the splint and allow you to start moving the elbow. Dr. Mall closes all of his wounds using the same technique as plastic surgeons. The sutures will dissolve under the skin. You may see a small clear strand of

string this is part of the skin closure and should not be pulled on or cut until seen by Dr. Mall or one of his associates.

- To avoid infection, keep surgical incisions clean and dry – you may shower by placing a large garbage bag over your splint starting the day after surgery – NO immersion of operative arm (i.e. bath). Alternatively, you can take a bath while keeping your operative arm out of the water.
- Do not use any creams, alcohol, hydrogen peroxide, Neosporin or other ointments on your incisions.

MEDICATIONS

- Pain medication is injected into the incision during surgery – this will wear off within 8-12 hours. Most elbow procedures are accompanied by a nerve block performed by the anesthesiologists that will make the arm numb for a similar time period.
- It is essential that you take some pain medication prior to the block wearing off, therefore we suggest taking at least one pain pill every 4 hours even if no pain is felt, then taking two pain pills once some feeling is returning in the arm (typically described as a tingling sensation in the arm)
 - If you don't have some baseline pain medication in your system, when the block wears off it will take several hours to get the pain back under control while you try to "play catch-up"
- Most patients will require some narcotic pain medication for a short period of time – this can be taken as per directions on the bottle
- Common side effects of the pain medication are nausea, drowsiness, and constipation – to decrease the side effects, take medication with food – if constipation occurs, consider taking an over-the-counter laxative
- If you are having problems with nausea and vomiting more than what is described as normal in the first section of this document, contact the office to possibly have your medication changed (call 314-995-0070)
- Do not drive a car or operate machinery while taking the narcotic medication
- Ibuprofen (i.e. Advil) or naproxen (i.e. Aleve) may be taken in between the narcotic pain medication to help smooth out the post-operative 'peaks and valleys', reduce overall amount of pain medication required, and increase the time intervals between narcotic pain medication usage.
- If Dr. Mall gives you a prescription for Indocin or Indomethacin, do not take additional Advil or Aleve, these are similar medications and cannot be taken together.
- If you have been prescribed a medication called Toradol or ketorolac, do not take additional anti-inflammatory medications such as ibuprofen or naproxen until you have completed the prescription of Toradol (ketorolac).
- As the days progress following surgery, you can begin weaning yourself off the pain medications. Typically, patients will require pain medications every 4 hours for the first 3-4 days and then can begin spreading this out longer and longer. Pain medication is typically used at night for at least the first week.
- Dr. Mall has a strict policy regarding narcotic pain medication. If you still require narcotic pain medication 4 weeks after surgery you will likely be referred to a pain management physician to assist you in weaning from the medication or to your primary care physician.

ACTIVITY

- When sleeping or resting, many patients report reduced pain and increased comfort with laying in a recliner or similar position using multiple pillows in bed. We also recommend keeping a pillow behind your elbow as many patients feel increased discomfort when the elbow slides backwards behind the body (extension). Several pillows on your chest at night will allow the wrist and hand to be elevated as well, and will prevent your fingers from getting very swollen.
- Do not engage in activities which increase arm pain/swelling (laying with the arm out of the sling and arm dangling at the side) over the first 7-10 days following surgery.
- Avoid long periods of sitting or long distance traveling for 2 weeks
- NO driving until instructed otherwise by physician
- May return to sedentary work ONLY or school 3-4 days after surgery, if pain is tolerable

BRACE/SLING (If prescribed)

- Your sling is for comfort, the splint on your elbow should be worn until you see Dr. Mall in the office. If this gets wet or soiled please call our office immediately.

ICE THERAPY

- Begin immediately after surgery
- Use icing machine continuously or ice packs (if machine not prescribed) every 2 hours for 20 minutes at a time every daily until your first post-operative visit
- If you did not get an ice machine and you must be up, then you can purchase a plastic wrap roller or just use plastic wrap from a grocery store to wrap the ice bag to your shoulder. This will allow you to be mobile while still icing the shoulder. This is how we ice all of our professional athletes after games or practices.

EXERCISE

- Begin exercises 24 hours after surgery (finger, hand, and wrist range of motion)
- Complete exercises 3-4 times daily until your first post-operative visit
- Do ankle pumps continuously throughout the day to reduce the possibility of a blood clot in your calf (extremely uncommon)
- The fingers, wrist and hand should be moved to avoid stiffness. You can attempt to touch your thumb to each of your fingers
- Formal physical therapy (PT) will begin after your first post-operative visit

EMERGENCIES**

- Contact Dr. Mall or his assistant, Nathan Place, 636-536-7000 (business hours) or at 314-995-0070 (after hours) if any of the following are present:
 - Painful swelling or numbness
 - Unrelenting pain
 - Fever (over 102° - it is normal to have a low grade fever for the first day or two following surgery) or chills
 - Redness around incisions
 - Color change in wrist or hand
 - Continuous drainage or bleeding from incision (a small amount of drainage is expected)
 - Difficulty breathing
 - Excessive nausea/vomiting (more than described above)



- **If you have an emergency after office hours or on the weekend, contact our exchange (314-995-0070) and you will be connected to our page service – they will contact Dr. Mall
- **If you have an emergency that requires immediate attention, proceed to the nearest emergency room.

FOLLOW-UP CARE/QUESTIONS

- Dr. Mall or Nathan will call you on your first day after surgery to address any questions or concerns. If you have not been contacted within 48 hours of surgery, please call our office or send us an email at mallteam@regenerationortho.com
- If you have additional questions that arise at any time, or for any non-emergent questions or concerns email us at mallteam@regenerationortho.com
- If you do not have access to e-mail, please call Dr. Mall or Nathan directly at 636-536-7000 (business hours) or 314-995-0070 (after hours)
- If you do not already have a post-operative appointment scheduled, please contact the office during normal office hours (636-6536-7000) and ask for appointment scheduling. You will need to be seen between 8-14 days after surgery.