DR. KAISEN YAO, MD

ORTHOPEDIC SPORTS MEDICINE SURGEON

Post-Operative Instructions

Humerus Fracture Fixation

Northwell Health • Department of Orthopedic Surgery & Sports Medicine • Dr. Kaisen Yao, MD

What to expect and how to care for yourself during the first weeks of recovery.

Patient Name	Date of Surgery	Prescribing Surgeon
		Dr. Kaisen Yao, MD

Activity and Sling Use

- Wear your sling or brace at all times except for showering, hygiene, and gentle exercises as directed by Dr. Yao.
- Your operative arm is non-weight-bearing for the first 6 weeks. Do not push up from a chair, lean on the arm, or put weight through it.
- You may use the arm for light daily activities during this time, but do not lift anything heavier than a cup of coffee until cleared by your surgeon.
- Avoid reaching away from your body, lifting overhead, and twisting the arm against resistance.
- Move your fingers, wrist, and elbow frequently throughout the day to prevent stiffness and swelling.
- Avoid driving while in the sling or brace, or while taking narcotic pain medication.
- Begin physical therapy when directed by your surgeon.
- Perform home exercises as shown on the last page.

Wound and Dressing Care

- Your incision is covered with a waterproof dressing. Leave it in place until your follow-up visit unless your surgeon tells you otherwise.
- If the dressing peels up at the edges, loosens, or falls off, re-wrap the incision with clean, dry gauze or an ACE wrap.
- If you have Steri-Strips or surgical glue, allow them to fall off naturally unless instructed otherwise.
- Monitor the incision daily for increased redness, swelling, drainage, separation, or foul odor.
- Do not soak the incision in a tub, pool, or hot tub until cleared by your surgeon.

Pain Management

Some pain, swelling, and stiffness after surgery is normal and expected - the goal of our pain protocol is to keep you comfortable, not pain-free. Your specific prescriptions will be reviewed with you at discharge. Your standard medication plan is:

- **Celecoxib 200 mg** - take by mouth twice daily for 30 days.
- **Oxycodone (Roxicodone) 5 mg** - take by mouth as needed for pain, up to 4 times a day, for the first 5 days after surgery.
- **Acetaminophen (Tylenol) 500 mg** - take by mouth as needed for pain, every 6 hours.
- **Senokot-S (sennosides-docusate)** - take 1 tablet by mouth daily, starting the day of surgery, for 14 days, to help prevent constipation from the pain medication.

If you received a nerve block, remember it will wear off over the following 8-24 hours. Start your pain medication on schedule rather than waiting for the block to wear off, since pain is easier to prevent than to catch up on. Taking medication with food can reduce nausea.

Using a cold therapy unit for roughly an hour on, an hour off while awake can meaningfully reduce pain and swelling. If you don't have a cold therapy unit, regular ice packs work well too - use them as needed, with a thin towel between the ice and your skin.

Do not drive, operate machinery, or drink alcohol while taking narcotic pain medication. If prescribed antibiotics, complete the full course.

Bathing and Showering

- You may shower with the waterproof dressing in place. Use running water only — do not scrub the incision, and pat the area dry gently.
- Take your sling or brace off for showering and hygiene, and for gentle exercises as directed. Keep your arm at your side while it is off.
- Bathing, swimming, or full immersion of the incision is not allowed until cleared by Dr. Yao.
- It may be helpful to obtain a shower seat to assist with showering.

Swelling, Elevation, and Ice

- Swelling is common after orthopedic surgery. Elevate the affected extremity when possible.
- Apply ice packs for 20 minutes at a time, several times daily, with a cloth barrier between the ice and skin.
- Bruising around the shoulder, upper arm, and down toward the elbow is common after surgery. This will resolve on its own within a few weeks.

Diet and Hydration

- Resume your regular diet as tolerated unless otherwise instructed.
- Protein and carbohydrates are critical to post-surgical recovery. Make sure you are eating clean sources of nutrients and supplementing if needed.
- Start with light meals if you have nausea.
- Drink plenty of fluids unless you were told to limit fluid intake.
- Smoking, vaping, or tobacco use are strictly prohibited after surgery, and can cause major complications with bone and wound healing if used.

Call the Office Immediately If You Have:

- Fever greater than 101.5°F (38.6°C)
- Increasing redness, warmth, swelling, or drainage from the incision
- Severe pain not controlled by prescribed medication
- Numbness, tingling, or new weakness in the hand, wrist, or fingers
- Persistent nausea or vomiting
- Significant swelling in the arm or hand, chest pain, or shortness of breath

For a true emergency — chest pain, severe shortness of breath, uncontrolled bleeding, or any other urgent medical concern — call 911 or go to the nearest emergency room immediately.

Follow-Up Appointment

Please call the office at **718-208-1440** to schedule a follow-up appointment between 10–14 days after surgery.

Home Exercises

Perform these exercises gently and only within the range allowed by your sling or brace. Repeat each 10 times, 2–3 sessions per day, and stop if you have a significant increase in pain.

Elbow, Wrist & Hand Range of Motion: Fully bend and straighten your elbow, and move your wrist and fingers through their full range several times a day to prevent stiffness.

Grip Squeezes: Gently squeeze a soft ball or rolled towel to maintain hand circulation and strength.