

Gordon Groh MD, MBA Post Discharge Protocol

Shoulder Replacement (Reverse and Anatomic) Office 828 252 7331

Pain

- Over 90% of patients take narcotics for less than two weeks after surgery
- Take over the counter Tylenol 325 tablets
 - 2 tablets every 6 hours
- If prescribed Gabapentin—take every 8 hours as directed
- If prescribed an anti-inflammatory such as Celebrex—take daily as directed
- Take oxycodone as needed for pain—begin as block begins to wear off or prior to first night sleep
 - Hydromorphone if having breakthrough pain—Needed by fewer than 5%

Dressing Change

- Leave Prevena in place until office visit in 10 days. The pump will typically shut off in one week, but leave the dressing in place until your appointment
 - Avoid any creams or ointments until the skin is healed

Bathing

- You may shower as desired after surgery—do not get the Prevena battery pack wet!
- After staple removal utilize Tegaderm from office until you are 2 weeks post operative

Sling

- Wear the sling full time except for bathing. If you have bicep cramping, you may remove the sling two or three times a day to stretch the elbow for two minutes.

Driving

- May contemplate driving if patient feels safe 2-3 weeks after surgery. Patient must be off all narcotic pain medications
- Patient must feel comfortable handling vehicle in emergency situations

Physical Therapy

- No therapy is indicated within the first two weeks as our initial emphasis is centered on wound healing. Greater than 95% of patients will complete their postoperative course without the need to see a physical therapist. Numerous studies have shown improved outcomes with physician directed home therapy (references at bottom of instructions).

Constipation

- Take over the counter MiraLAX and Senna (over the counter) twice per day while using narcotic pain medications.
- Take Colace as directed (prescription) while taking narcotic pain medications.

Swelling & Edema management

- Some swelling/edema is normal in the forearm/hand after shoulder surgery—although the amount can be variable
- Making a fist and squeezing a ball repeatedly during the day improves blood return and decreases swelling

Bruising/Discoloration in arm after Surgery

- Normal after surgery and blood thinners including aspirin/anti-inflammatory medications may increase bruising

Staple/Suture Removal

- Staples may be removed at the 10 days recheck if the wound appears to be healing with minimal swelling. Steri-strips are applied after staple removal and should stay in place until approximately 17 days after surgery.

Anti-Coagulation

- Aspirin 325 mg per day or Xarelto/Coumadin for higher risk patients—typical duration four weeks—if indicated

CHG/Pre-operative Wash

- All total shoulder patients will receive a CHG sponge and should wash with it the night prior to surgery

Dental Precautions

- Delay elective dental procedures after surgery for 10 weeks
- Antibiotics are prescribed by the dentist in relationship to the invasiveness of the dental procedure. Antibiotics are prescribed therefore by the Dentist. Current American Dental Association guidelines call for antibiotic prophylaxis during the lifetime of the prosthesis

References for Home Therapy:

Boardman ND, Cofield RH, Bengtson KA, Little R, Jones MC, Rowland CM. Rehabilitation after total shoulder arthroplasty. *J Arthroplasty*. 2001;16:483–486.

Brems JJ. Rehabilitation following total shoulder arthroplasty. *Clin Orthop Relat Res*. 1994;70–85

Effectiveness of formal physical therapy following total shoulder arthroplasty: A systematic review Peter K Edwards,¹ Jay R Ebert,¹ Chris Littlewood,² Tim Ackland,¹ and Allan Wang^{1,3}, *Shoulder Elbow*. 2020 Apr; 12(2): 136–143. PMID: 32313563

Effect of supervised physiotherapy versus home exercise program in patients with subacromial impingement syndrome: A systematic review and meta-analysis Héctor Gutiérrez-Espinoza 1, Felipe Araya-Quintanilla 2, Christopher Cereceda-Muriel 3, Celia Álvarez-Bueno 4, Vicente Martínez-Vizcaíno 5, Iván Cavero-Redondo 6 *Comparative Study Phys Ther Sport*. 2020 Jan;41:34-42. doi: 10.1016/j.ptsp.2019.11.003. Epub 2019 Nov 6.

Effectiveness of supervised physiotherapy versus home exercise in subjects with rotator cuff disorders treated surgically: A systematic review and meta-analysis. Gutiérrez-Espinoza H, Araya-Quintanilla F, Olgún-Huerta C, Valdés-Orrego I, Sepúlveda-Osses O. *Physiother Res Int*. 2022 Apr;27(2):e1942. doi: 10.1002/pri.1942. Epub 2022 Feb 20. PMID: 35184364