

GRANT E. GARRIGUES, M.D.
SHOULDER AND ELBOW SPECIALIST

MIDWEST
ORTHOPAEDICS
at RUSH    
SPORTS MEDICINE & SHOULDER



Dear Patient,
Thank you for entrusting me and my team with your care. It is our promise to treat each patient like a family member.
We look forward to serving you through every step of your journey back to optimal health!

Sincerely,

Grant Garrigues, MD

FAQ: Anatomic Total Shoulder Arthroplasty

Connect with us! Instagram: @Grant.Garrigues
Facebook: GrantGarriguesMD
Twitter: @Grant_Garrigues
Youtube/Facebook: Grant Garrigues MD

Website: DrGshoulder.com

Questions? Phone: 312-432-2880

TOTAL SHOULDER ARTHROPLASTY

Osteoarthritis or Degenerative Joint Disease

Cartilage serves as a lubricated cushion between the bones of the joint. It normally has only 1/3 the friction of polished ice on ice—very smooth. In osteoarthritis, the surface layer of cartilage breaks down, becomes rough, and wears away. This allows the bones under the cartilage to rub together painfully and eventually become deformed.



(Anatomic) Total Shoulder Arthroplasty

During a total shoulder arthroplasty (shoulder replacement), both parts of an arthritic joint are replaced with an artificial joint. The surface of the ball (humeral head) is replaced with metal, and the socket (glenoid) is resurfaced with highly crossed polyethylene. This creates a metal on plastic bearing surface. The artificial joint is designed to move like a normal, healthy joint.



Medical Clearance

Medical clearance is required before surgery (unless our team instructs otherwise). Clearance consists of a history & physical, labs, and EKG.

If you live within 1.5 hours of Oak Brook or Downtown Chicago, we recommend you either go to Rush Oak Brook Internal Medicine or Rush Center for Perioperative Care for your preoperative clearance appointment. Please see your Surgical Packet for details.

If you go to your Primary Care Physician for your preoperative clearance, you must remind them to Fax your History and Physical examination document, lab work, and EKG tracing to our office at **708-409-5179**. We will not have access to their records, and we need to provide these documents to the surgery center/hospital prior to your procedure.

Regardless, clearances must be completed 10-30 days from surgery. Clearances more than 30 days from surgery are invalid and must be repeated.

Taking Medications Around Surgery

There are some medications that can interfere with surgery. Your medication list will be reviewed by the clearing physician at your medical clearance appointment. Please *refer to page 6 of this packet for further details*.

Surgery Location & Time

Location is determined when you schedule your surgery date. You can refer to our website for hospital locations and parking details. The facility will contact you the *in the late afternoon the day prior to your scheduled surgery* to review arrival instructions for the day of surgery. If you need to contact the surgical facility, refer to our website for these contact details. For surgeries scheduled on a Monday, the surgical facility will contact you on the Friday before.

Length of Stay

Most of our patients go home the same, day. However, there are cases where insurance and your overall medical health require a hospital stay for 1-2 nights. You will need to have someone to drive you home after you have been discharged.

Anesthesia

Patients usually have 2 types of anesthesia. The first is general anesthesia, which means you are asleep. The second type of anesthesia is a nerve block. Your arm will be numb and will feel very strange. *The nerve block will last about 12-14 hours*. The anesthesiologist will speak to you on the day of surgery. The anesthesiologist will speak to you on the day of surgery, and you will decide together which anesthesia is preferred/safest.

When you start to feel the sensation in your arm return, begin taking pain medications so they are already in your bloodstream when the block wears off. This will ensure adequate pain control after the block has completely worn off.

Incision

You will have an incision down the front of your shoulder, approximately 4-5 inches in length.

Discharge Medications

Your medications will be electronically prescribed to your pharmacy on file prior to surgery. These medications *typically* include:

- Aspirin (ASA) 81 mg: BEGIN TAKING THIS 2 DAYS AFTER SURGERY. Blood thinner taken daily for 4 weeks to prevent blood clots (*unless you are on another blood thinner*)
- Senakot 8.6 mg: Stool softener to be taken regularly while on pain meds
- Zofran 4 mg: Improves nausea, taken as needed
- Tylenol (Acetaminophen) 500 mg: Pain reliever. Take 2 tablets 4 times daily (4000 mg maximum daily dose)
- Oxycodone 5 mg: Narcotic pain medication to be taken on an as-needed basis. Only 1 weeks' worth of medication will be prescribed. You must call in advance for refills.

Pain Control

You will have pain medication prescribed for you prior to discharge. After the nerve block wears off you will have discomfort, so start your pain medicine when the block begins to wear off. Most of the pain is related to your very swollen shoulder. We recommend icing the shoulder frequently with ice packs or your PolarCare Ice Machine. **Refer to the Post-Op Medication Schedule for regime examples (page 7).**

Pain Medication Refills

Allow 48 hours for all pain medication refills. DEA laws prohibit certain pain medications from being faxed or phoned in. These include Oxycontin, Oxycodone, Percocet, Hydrocodone, Hydromorphone & Dilaudid. These prescriptions need to be electronically prescribed or handwritten. Arrangements may need to be made to pick up handwritten prescriptions from one of our multiple locations. The final decision regarding refills is up to the surgeon or Physician Assistant. Please closely monitor your pain medication and allow sufficient time for refills.

Diet

Surgery and the narcotic pain medications are very constipating. Your diet should include plenty of water, fiber, fresh fruits, and vegetables.

Swelling

Swelling is commonly experienced by patients after surgery. Because the arm is in a sling with your elbow at 90 degrees, the swelling often collects just above the elbow with associated bruising. If you experience excessive swelling that extends into the hands making it difficult for you to move the hand/fingers or reduces sensation, immediately notify our office.

Numbness & Tingling

After surgery, your arm will be numb and will feel very strange. *The nerve block will last about 12-14 hours.* If you continue to have arm numbness beyond this period, please contact our office immediately.

Sling

Your arm will be placed in a sling prior to leaving the operating room. You will wear the sling for a total of 6 weeks after surgery. You may remove your sling for your daily exercises and to take a shower with your arm hanging at your side.

At 2 weeks postop, we allow you to remove the sling only while at home. You must keep your elbows close to your side at all times. You must sleep in your sling and wear it in public for 6 weeks.

You will be able to type or write with the hand of the operative arm, but the keyboard or paper will need to be in your lap so that your arm remains in the sling and your elbow at your side. You should not reach with your elbow away from your side, lift anything of substantial weight, or push or pull with your operative arm for the first 6 weeks.

Dressings

You will go home with gauze dressings on your shoulder. After 5 days, you may remove the dressings.

There may be steri strips over the incision. The steri strips must remain in place until they fall off on their own. You may shower 5 days after surgery. The incision CANNOT get wet prior to 5 days. Simply allow the water to wash over the site and then pat dry. Do not rub the incision. Make sure your axilla (armpit) is completely dry after showering. You may see blue sutures (stitches) or staples sticking out of the incision. These will be removed at your first postoperative visit 10-14 days after your surgery.

Showering

You may shower 5 days after surgery. You may allow soap and water to run over the incision but may not submerge the shoulder in water. Gently pat the shoulder dry.

Physical Therapy

Before being discharged, you will be taught very simple exercises that **must be done 5 times per day at home**. The therapist will also show you how to properly put on/take off your sling.

You will need to attend OUTPATIENT physical therapy 1- 2 times a week for an average of 3 months following surgery. For the first 6 weeks, therapy will be less frequent and then increase after the sling is removed after your 6-week postop appointment. *HOME HEALTH & HOME THERAPY is not allowed, as patients have better results in an outpatient setting.*

At therapy you will be taught a home exercise program to do on your own. This involves moving the operated arm with the well-arm or using assistance from another person (passive range of motion). This is INTEGRAL to maintain your range of motion without using the muscles of the operated arm.

You may go to any physical therapy clinic in your insurance network that is conveniently located near your home. If you live near one of the Midwest Orthopaedics at Rush (MOR) facilities, all our locations provide physical therapy services for your convenience. We recommend this if possible, as we have a very close working relationship with those therapists.

You will be given a prescription for physical therapy when you leave the surgical facility. This prescription will indicate which therapy protocol your therapist should follow. The therapy protocols can be found and printed on our website. Please try to find the best shoulder therapist at your chosen facility.

***In order to assure a timely appointment, we recommend you go ahead and schedule physical therapy at your desired location prior to surgery. This first appointment should be 4 – 6 days after surgery.*

Driving

You must be at least 6 weeks past your surgery date, out of your sling, and off all narcotic pain medication to resume driving. During the first 6 weeks, you will need to arrange for someone to drive you to physical therapy.

Restrictions

Surgery Day - Week 2:	Wear sling at all times, sleep in sling, no use of operative arm, out of work, no driving, passive range of motion only
Weeks 2 - 6:	Remove sling only while at home keeping elbow at side, sleep in sling, passive range of motion only
Weeks 6 - 12:	Discontinue the sling. Okay to drive if off narcotics. No lifting with operative arm; opposite hand work only; active range of motion begins
Months 3 - 4:	No lifting or carrying items greater than 5-8 lbs & only occasional over shoulder reaching
Months 4 - 6:	No lifting or carrying items greater than 8-10 lbs
Months 6 +:	Released to full activity.

Post-Operative Appointments

You will have several post-operative appointments, as outlined below. Appointments may be scheduled with Dr Garrigues and/or his Physician Assistants.

- 10 – 14 days: Incision checked/sutures removed, range of motion check
- 6 weeks: Sling removed, range of motion check, return to driving
- 3 months: Light shoulder strengthening begins
- 6 months: Return to all activity. 25-pound lifting restriction for lifetime

Out of Work

The length of time you will be out of work depends on the demands of your job, the rate of your recovery, fatigue, and how fast you can discontinue narcotic pain medication. Those who perform sedentary work may return to work as soon as 6 weeks following surgery (perhaps as soon as 2 weeks if you can work from home or get a ride to work), while those in physically demanding jobs may not be able to return until later.

Dental Work

You may not have any dental work done 3 months after surgery. Please have any dental treatment completed at least 6 weeks prior to surgery. **After shoulder replacement, you MUST take oral antibiotics prior to any cleanings, procedures, etc. for your lifetime.**

Unless you have a Penicillin allergy, you will be prescribed Amoxicillin 500 mg, 4 tablets 1 hour prior to dental procedure.

FMLA/Disability Paperwork

We will complete FMLA/Disability forms related to your surgery. Please submit any forms to the Downtown Chicago office. Please allow 5-7 business days for completion of forms. Make sure you are clear regarding how you want the forms returned.

If you have questions about FMLA, call 312-432-2880. We kindly ask that you fill out our FMLA/Disability Questionnaire Form found on our website to facilitate faster handling of these requests. You must include this completed form with your request. Please make sure your name and date of birth are on all forms.

HELPFUL HINTS

- Observe how you use the arm that will be operated on *before* surgery so that you can be a little more prepared how to do things *after* surgery.
- Do you have a recliner, or can you borrow one? Many people find that sleeping in a recliner after surgery is more comfortable than a bed.
- Place a table on the same side of the recliner as the un-operated arm so that you can reach things like a drink of water, a book etc. Is there a light there that you can turn on with the un-operated/good arm?
- Women: try a hair style that can be done with one hand or that your partner can do
- In the shower, have soap, shampoo, etc. in pump bottles you can use one-handed.
- Have stretchy pants you can pull up with one hand, and shoes you can slip on.
- Shirts with buttons, snaps, or zippers in the front can be easier than pullovers.
- Have a large water bottle with a straw that you can keep near your recliner. Drinking lots of water after surgery is not only healthy but helps keep you from getting constipated & helps prevent blood clots.
- Modify your cabinets, placing things you use frequently below shoulder level.

EQUIPMENT

Sling

- MANDATORY. You may be contacted before surgery about purchasing a sling. Insurance typically pays a portion of this cost. Depending on where you are having surgery, this will either be provided by the hospital, or you will need to bring it to surgery with you.
 - ***Elmhurst Hospital—you will need to obtain a sling at our Durable Medical Equipment (DME) store BEFORE surgery and BRING IT to surgery with you. If you have not received a call from the DME store, please call them at: 708-273-8426*
 - *All other surgical locations will have the sling for you on surgery day.*
- You will be placed in a sling in the operating room and will go home with the sling on. The purpose of the sling is to protect your surgical repair by supporting your arm, keeping it in a position for optimal healing, and to prevent you from reaching, lifting, pushing or pulling. You must wear the sling at all times unless bathing or dressing.
- Sling use will be reviewed with you and your family before you leave the hospital.

Polar Care Ice Machine/Ice Man

- OPTIONAL. You will be contacted before surgery about purchasing this machine. Insurance does NOT pay for this machine.
- Usage is optional, but many patients find it helpful. As an alternative to this machine, you can use ice packs on your shoulder and change them throughout the day.
- The purpose of this machine is to manage pain and reduce swelling.
- Always have a barrier between your skin and the Polar Care sleeve. You should NOT place the sleeve directly on your skin. Examples of barriers: shirt, a towel, or a pillowcase.
- It is a good idea to place a towel under the bucket of the Polar Care to absorb any moisture that may leak.
- Make sure you have plenty of ice available when you get home from surgery. The larger the ice cubes, the longer they will last. Alternatively, you can freeze small water bottles and refreeze after the ice melts.
- Unless your physician tells you otherwise, it is preferable to use the Polar Care *constantly* for the first 48 hours, and then as needed for pain control.

TAKING MEDICATIONS CLOSE TO SURGERY

There are some medications that can interfere with surgery. Please check the following list and if you are taking any of these medications, follow the outlined recommendations.

Your physician will also review your medications during your Medical Clearance appointment. There may be other medications that they ask you to hold on the day of surgery. You may contact your pharmacist or our office with further questions.

- **COX 2 SPECIFIC ANTI-INFLAMMATORIES**

- Celebrex, Bextra
- **These medications DO NOT need to be discontinued.

- **STEROIDAL MEDICATIONS**

- Medrol Dose Pak, Prednisone
- **Continue these medications but be certain to mention you are on these during your preoperative appointment.

- **ASPIRIN PRODUCTS/ NONSTEROIDAL ANTI-INFLAMMATORY MEDICATIONS**

- Alka Seltzer, Anacin, Ascriptin, Aspergum, Baby aspirin, Bayer, BC Powder, Bufferin, Doan's Pills, Ecotrin, Excedrin, Empirin, Goody's Powder, Midol, Mobigesic, Norgesic, PeptoBismol, Soma, Trigesic, Advil, Aleve, Anaprox, Aspirin, DayPro, Disalcid, Feldene, Ibuprofen, Lodine, Motrin, Naprosyn, Nuprin, Orudis, Relafen, Mobic, Meloxicam
- **These medications need to be discontinued 7 days before surgery

- **VITAMINS / SUPPLEMENTS**

- Alpha-Omega Vitamins, Fish Oil, Vitamin E, Ginseng, Ginkgo biloba, Garlic supplements
- **Discontinue 2 weeks prior to surgery

- **ANTICOAGULATION MEDICATIONS (blood thinners)**

- Coumadin – contact the physician who prescribed this medication for you and let him/her know that you are scheduled for surgery and ask their recommendations. **You must also make sure we are aware that you are on this type medication.**
- Pletal, Plavix, Aggrenox – Need to be discontinued 10 days prior to surgery. Check with your prescribing physician prior to discontinuing the medication.

- **OTHER MEDICATIONS**

- Tamoxifen, Hormone Replacement Therapy, Oral Contraceptive Pills
- **We recommend that you discontinue 2 weeks prior to surgery and restart 2 weeks after surgery, as these increase your risk for blood clots. Please discuss these medications with your doctor.

- **BIOLOGICS**

- Humira, Kineret, Enbrel, Remicade
- **These medications are generally used for inflammatory arthritis. Please make sure we are aware you are on these medications and an individualized plan will be discussed with your rheumatologist.

- **GLUCAGON-LIKE PEPTIDE 1 (GLP-1) ANALOGS**

- Ozempic, Wegovy, Trulicity, Mounjaro, Semaglutide, Saxenda
- Discontinue 1 weeks prior (> 7 days) to surgery

POST-OP MEDICATION SCHEDULE

24-hour regime

NORCO prescription

Medication	6 pm	8 pm	10 pm	12am	2 am	4 am	6 am	8am	10 am	12 pm	2 pm	4pm
Norco 5/325 mg	1-2 tabs		1-2 tabs		1-2 tabs		1-2 tabs		1-2 tabs		1-2 tabs	
Zofran 4 mg	1 tab				1 tab				1 tab			
Senokot 8.6 mg	1 tab						1 tab					
ASA 81 mg	1 tab											

OXYCODONE prescription

Medication	6 pm	8 pm	10 pm	12 am	2 am	4 am	6am	8 am	10 am	12 pm	2 pm	4 pm
Oxycodone 5 mg	1-2 tabs		1-2 tabs		1-2 tabs		1-2 tabs		1-2 tabs		1-2 tabs	
Tylenol 500 mg		2 tabs				2 tabs				2 tabs		
Zofran 4 mg	1 tab				1 tab				1 tab			
Senokot 8.6 mg	1 tab						1 tab					
ASA 81 mg	1 tab											

Norco (hydrocodone/acetaminophen) 5/325 mg

Strong pain medication. Take 1-2 tablets by mouth every 4-6 hours after surgery as needed for pain. **Begin with 1 tablet and increase to 2 tablets if pain not controlled.
This medication is to be taken as needed. Narcotics can make you constipated!

Oxycodone 5 mg

Strong pain medication. Take 1-2 tablets by mouth every 4-6 hours after surgery as needed for pain. **Begin with 1 tablet and increase to 2 tablets if pain not controlled.
This medication is to be taken as needed. Narcotics can make you constipated!

Tylenol (Acetaminophen) 500 mg

Pain reliever. Take 2 tablets by mouth every 6 hours (4 times daily). You will not be prescribed this if given Norco. *This medication is to be taken as needed.*

Zofran (ondansetron) 4 mg

Anti-nausea medication. Take 1 tablet by mouth every 8 hours as needed for nausea/vomiting. *This medication is to be taken as needed.*

Senokot 8.6 mg

Stool softener. Take 1 tablet twice daily (every 12 hours) while taking pain medication. *This medication is to be taken as needed.*

ASA (aspirin) 81 mg

Blood clot prevention. BEGIN TAKING 2 DAYS AFTER SURGERY. Take 1 tablet by mouth once daily. Ask Dr Garrigues' team how long you need to take this. *This medication is mandatory.*

***if you are on another blood thinner (i.e. Xarelto, coumadin, Eliquis, Plavix), you will resume this INSTEAD of the ASA 325 mg. Talk with your cardiologist about when to resume this after surgery*

IMPORTANT CONTACT INFORMATION

Primary Contact Info: p: 312-432-2880 f: 708-409-5179
email: garriguespractice@rushortho.com

Note: all practice members will receive a copy of messages using the above email address

Main Office Location:

1611 W. Harrison St., Suite 300
Chicago, IL 60612

Clinic Days & Locations (hours may vary)

Tuesday @ RUMC

Wednesday @ Oak Brook OR Naperville

Friday @ Oak Brook

RUMC Clinic

1611 W. Harrison St., 4th floor
Yellow section

Oak Brook Clinic

2011 York Road
Oak Brook, IL 60523

Naperville Clinic

55 Shuman Blvd, Suite 700
Naperville, IL 60563

After hours or weekend emergencies: 312-432-2880, option 0 for the operator

WEBSITE

DrGShoulder.com

Our website has a plethora of information regarding hospital locations, parking details, what to expect the day of surgery, educational materials, additional copies of handouts, physical therapy protocols, FMLA/disability details...just to name a few! Please refer to this frequently throughout the pre-op and post-surgical process.