



# TWIN CITIES ORTHOPEDICS

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## POST-OPERATIVE INSTRUCTIONS

### **Osteochondral Allograft Transplantation (OATS) Procedure**

#### Activity

- Try and rest the first few days following surgery. When sitting or lying down be sure to keep your leg elevated up above the level of your heart to help decrease swelling.
- **Ice** or the **cryo-cuff** can be used as much as possible for the first 3-4 weeks to help decrease swelling. [please see "medication" section for more information on icing]
- Driving is not recommended when taking narcotic pain medication.
- Return to (sedentary) work or school the day after surgery if pain is tolerable.
- Return to heavy labor or excessive ambulatory activities will be determined by Dr. Murar.
- Crutches and the knee brace locked in full extension should be used during the first several weeks after surgery to protect the articular cartilage repair. You will be instructed when to formally discontinue them.
- Your brace should be locked in full extension while standing or walking. The brace must also be worn at night while sleeping.

☐ You will be **non weight bearing**, ambulating with the assistance of crutches at all times for the first 6 weeks following surgery.

- You may remove the brace while sitting or lying down to range the knee from 0 to 90 degrees. **DO NOT BEND THE KNEE GREATER THAN 90 DEGREES** for the first 6 weeks following surgery.

#### Dressings

- Remove the outer dressing and gauze wrap 48 hours after surgery. Leave the steri-strips (white tape adhesive strips) in place and let them fall off on their own. You may shower with these strips on. Let warm, soapy water run over the incisions, but

do not vigorously scrub over any of the incision sites as they are still healing. You may also place band-aids over the incisions after you remove the dressing if you prefer them covered.

- Please DO NOT BATHE, HOTTUB, OR SOAK/SUBMERGE THE INCISION IN WATER as this can increase risk of infection. Wait one month from surgery or until you are directed to do so. Showers as aforementioned above are okay.
- Small amounts of bloody drainage, numbness at incision site, knee swelling, and bruising are normal findings following surgery.
- Do not use bacitracin or any ointments under band-aids.

#### Medication

- You have been prescribed one of the following **pain medications**:
  - Oxycodone – Please take 1 tab every 4-6 hours as needed for pain.
  - Ultram – Please take 1 tab every 6 hours as needed for breakthrough pain
- In addition to narcotics it is advised that you take scheduled **NSAID (non steroidal anti-inflammatory)** and **Tylenol** (alternating) for the first three days and then as your pain gradually improves you will wean off the narcotics and take NSAID/Tylenol on an as needed basis.
  - **Tylenol (Acetaminophen)** – take no more than 4,000 mg in a 24 hour period. Do not take if you have liver disease.
  - **Ibuprofen (Advil)** – take no more than 2,400 mg in a 24 hour period. Do not take if you have kidney disease, history of ulcers, or GI bleeds.
  - **Naproxen (Aleve)** – if you prefer this over the counter NSAID over Ibuprofen/Advil you may take this instead. DO NOT TAKE BOTH IBUPROFEN & NAPROXEN as this increases your risk for toxic side effects. Please take no more than 1,500 mg of Naproxen in a 24 hour period. Do not take if you have kidney disease, history of ulcers, or GI bleeds.
- **ICE** – while you are resting use cryo-cuff or place cold ice packs on your knee for 15-20 minutes at a time. Place a clean, dry towel or pillowcase between your skin and the cold pack. Ice can be used as much as possible for the first 3-4 weeks to help decrease the swelling.
- You may also have been given a prescription for **enteric coated Aspirin 325 mg** which you should take once daily with food to decrease the risk of post-operative blood clot formation.
- You have been given a prescription for **Senokot** to take 2 tabs daily as needed for constipation. Sedation during surgery, narcotic medications, decreased fluid intake, and decreased activity all contribute to constipation. If you find that you are still constipated despite the Senokot medication, there are other over the counter medications that you can try: Miralax, Fleet enema, or bisacodyl suppository.
- If you have any side effects (i.e. Nausea, rash, difficulty breathing) from medication discontinue its use and call our office.

### Physical Therapy

- The need for a timing of outpatient physical therapy will be determined by Dr. Murar and discussed at your first post-operative visit.
- Please perform your prescribed home exercises to help facilitate early knee range of motion and to prevent stiffness.

### Follow Up

- You have likely already been scheduled for your first post-operative visit. If you have not received an appointment please contact the office to schedule an appointment 7-10 days after your surgery.
- You will be seen by Dr. Murar or his Physician Assistant for your first post-operative visit to review your intra-operative findings and to go over any questions you may have.
- Sutures will also be removed at that time if needed.
- Call the office immediately if you develop a fever ( $>101.5$ ), chills, excessive incision drainage, calf pain, or prolonged leg numbness.
- If you have any questions or concerns please feel free to call the office.

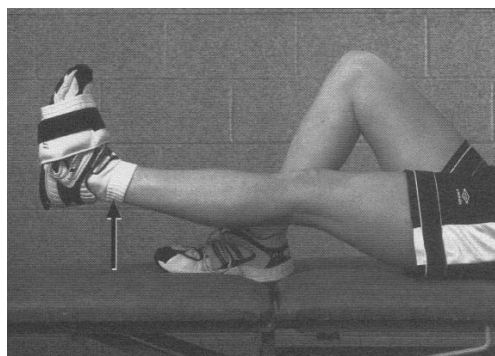
## **Home Knee Exercises**

(to be performed with brace)

### **Straight Leg Raise**

With your leg straight, lift your heel 12 inches from the ground and slowly back down. No weight is needed on the foot during the first 2 weeks after surgery.

[3 sets of 15 reps as tolerated]



### **Isometric Quad Contractions**

While lying on your stomach, place rolled up towel under ankle. Straighten knee against towel and hold for 15 seconds, stop, and then repeat.

[3 sets of 15 reps as tolerated]

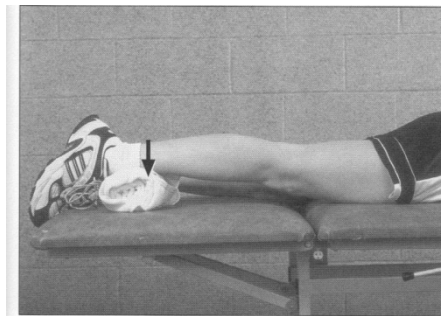


Figure 21.29 Quad set, prone.