



# *Post Operative Instructions: External Fixation Removal, Skin Graft*

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## **ACTIVITY**

- You should remain NWB until cleared by orthopedics, use crutches, wheel chair or assistive device to ambulate.
  - You may bend and straighten your knee as much as you like.
  - Do not engage in prolonged periods of standing or walking over the first 7-10 days following surgery.
  - Avoid long periods of sitting (without leg elevated) or long distance traveling for 2 weeks.
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## **DRESSING & INCISIONS**

- A small amount of red-tinged drainage on the dressing during the first 2 days is normal.
  - Keep the dressing clean and dry; protect it while bathing or showering.
  - Keep the dressing intact until your first post op, if the dressing becomes soiled prior to that scheduled appointment, contact the clinic for a dressing change.
  - Do not apply Bacitracin or other ointments.
  - Avoid soaking in pools, lakes, hot tubs, or the ocean until sutures are removed and the incision is fully healed.
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## **PAIN & INFLAMMATION**

### Ice

- Apply ice wrapped in a dry towel 20 minutes at a time, several times per day for the first week, then as needed.

### Compression

- Adjust the compression of the ace wrap for comfort.

### Elevation

- Keep your foot elevated above heart level as much as possible for the first 3–4 days.
- Place a pillow under your knee for comfort.
- Avoid pressure under your heel to help reduce the risk of ulcers.

### Pain Medications

- Take your prescribed medications as directed.

#### Tylenol (Acetaminophen)

- First-line for pain.
- Take 500-650 mg every 6–8 hours.
- Do not exceed 1000 mg per dose or 3000 mg per day.
- Do not drink alcohol while taking Tylenol.

#### Anti-inflammatory

- As needed for postoperative swelling

- Do not take after fusion or with surgeries at risk for nonunion.

#### Opioid

- For moderate to severe breakthrough pain only.
- Use sparingly and wean off as soon as possible.

#### Common side effects include:

- Nausea: Take with food.
- Drowsiness: Do not drive or operate machinery.
- Itching: Benadryl may help.
- Constipation:
  - Use stool softeners (e.g., Senna-Docusate) or OTC options (Mineral Oil, Milk of Magnesia, etc).
  - Avoid bananas, rice, apples, toast, and yogurt (may worsen constipation).
  - Light walking helps stimulate bowel function.

#### Refills:

- If you think you will need a refill, you must request it during regular weekday office hours.
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#### **DVT PROPHYLAXIS**

- Take Aspirin 162 mg daily as prescribed.
    - This is not for pain—it's to reduce the risk of blood clots (DVT/pulmonary embolism).
    - If you are at higher risk, you may be placed on Lovenox instead. If you are already on anticoagulation, you may have a different plan.
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#### **EMERGENCIES**

You must have someone stay with you during the first 48 hours after surgery.

Call the clinic or the on-call orthopedist if:

- Drainage soaks the dressing, increases, smells foul, or if incisions become red, warm, or very painful.
  - You develop a fever >101.5°F or chills.
  - You experience leg or calf pain, swelling, or difficulty breathing.
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#### **FOLLOW-UP CARE**

- Schedule a follow-up appointment at ~2 weeks postoperatively for a wound check, suture removal, and review of your surgery (if not already scheduled).
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**EXERCISES** – When you are comfortable and ready you may perform each exercise 2-3 times a day; it may help to take pain medication 20-30 minutes prior to the exercises and to apply ice after the exercises

**Quadriceps Contractions:**

Sit or lie on the floor with your operated leg straight  
Place a towel roll under the knee  
Tighten your thigh and hamstring muscles, causing you to press your knee downward into the towel roll  
Hold this position for 10 seconds  
Relax your thigh and hamstring muscles  
Perform 2-3 sets of 10

**Straight Leg Raises:**

Lie on the floor  
Perform a quadriceps contraction (as stated in the above exercise)  
Raise your foot about 6-12" off the floor  
Slowly lower your leg back to the floor  
Relax your thigh muscle  
Perform 2-3 sets of 10



**Ankle Pumps:**

Point toes downward and hold for 5 seconds  
Point toes upward and hold for 5 seconds  
Perform 2-3 sets of 10



**Flexion:**

Sit in a chair  
Place your unoperated leg (B) under the foot of your operated leg (A)  
Gently allow the knee to bend with support from your unoperated leg (B)  
When you reach your maximum bend, hold for 5 seconds  
Perform 10-20 times in a row  
**Goal = 90° of flexion** (bending) by 2 weeks after surgery

