



Tidewater Orthopaedics
Specialized Care You Can Trust

Total Knee Replacement

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Post-Operative Instructions after Surgery

Helpful Hints & Important Precautions for Patients

DIET

- May resume clear liquids and light foods after surgery (jello, soup, etc.)
- Progress to your normal diet as tolerated as long as you are not nauseated.
- Many surgeries are done without general anesthesia. This allows you to resume a diet quicker with less nausea.

PAIN MANAGEMENT

- The first 1-2 days are the hardest – but there will be improvement
- Surgery pain stems from multiple factors and you should address each of these to control the pain. Below is a chart to explain our multimodal pain control plan. I have also enclosed a QR code for a video on pain control.

Preoperative pain management

1. Nerve block

- Anesthesia injections numbing medication around the nerves that go to the shoulder
- This helps greatly with pain control and decreases your need to take narcotic medications. I would strongly encourage you to have the block as it does significantly help with pain after the procedure.
- **Begin taking your pain medication before this medicine wears off**
 - This is usually about 6 to 8 hours after the procedure - however, it may be as little as 2 hours or (if you're lucky) it could be 16 to 24 hours
 - It is important to stay on top of the pain as it is more difficult to catch up

2. Local injection - numbing medication is injected at the surgery site

3. Anti-nausea medication - such as Zofran or Scopolamine patch is given

4. Tylenol or an anti-inflammatory - such as Celebrex may be given

I do not use a "pain pump" which drips the numbing medicine continually into the joint for several days after the surgery. Several recent studies have shown an increased risk of damage to the joint cartilage and subsequent arthritis as a result of prolonged exposure to this medication.

Postoperative pain management

1. Oxycodone 1-2 tablets every 4 hours

- This is a narcotic and should be used sparingly
- If pain is severe and uncontrolled with other methods, you may take 3 pills at a time for the first 24 hours
- Percocet and Vicodin (Norco) already have Tylenol in them so do not take Tylenol if you are on these medications. Straight Oxycodone does not.
- They can easily become addictive
- Narcotics decrease the body's trigger to breathe, and I may prescribe a medication to reverse this narcotic side effect (Narcan) if you are currently taking anti-anxiety or sleeping medication

- It is best to avoid these drugs (and alcohol) while on pain medication
- Additional adverse effects:
 - Constipation and/or nausea
 - Decrease ability to concentrate and cause drowsiness - should not be taken while driving
 - Hallucinations
- If you experience itching, take over the counter Benadryl one half hour before your narcotic.

2a. Tylenol 650 mg every 6 hours or 2 tablets of 500mg three times a day

- Limit to 3000 mg daily and avoid if history of liver disease. Use continuously for, at least, 3 days and then as needed.

2b. Naproxen 500 (2 Aleve) every 12 hours OR ibuprofen 800 (4 Advil) every 8 hours

- Take with food and avoid if history of ulcers, severe reflux or kidney disease. Continue for, at least, 5 days and then as needed.

3. Ice and Elevation

- Most important the first 48 hours following surgery – helps reduce swelling
- The ice pack should be large (like a big zip-lock bag or bag of peas) and held firmly on the area of your surgery
- Apply for 20 minutes, **at minimum**, every hour while awake if possible
- DO NOT place pillows under the operated knee as this can lead to stiffness. Instead place pillow under the heel to keep knee straight, elevating above the heart
- Place a towel roll under your ankle and tighten your thigh muscles to get your knee to straighten out - **this is very important and should be done at least four times a day for twenty minutes if tolerated**
- Move your ankle back and forth many times during the day to help your circulation

ADDITIONAL MEDICATIONS

1. Aspirin 81mg twice a day for 4 weeks

- This medication is used to prevent blood clots after surgery
- While on a blood thinner you will bleed more easily – be careful shaving or activities that may cause injury
- If you experience bloody noses or bleeding in the urine or stool, notify our office or report to the ER
- If you have a history of a DVT/PE, you will be placed on Rivaroxaban (Xarelto) for 4 weeks

2. Ondansetron (Zofran) - this medication is used as needed for nausea

3. Colace – this is a stool softener for constipation

CONSTIPATION

- This can be very common follow surgery typically due to pain medication, inactivity, and anesthesia

1. Treatment

- Begin using the **COLACE** as soon as starting the pain medication to help prevent constipation from occurring
- If NO bowel movement within **1-2 days** using this medication – **ADD DULCOLAX** which is a stimulant laxative
- If NO bowel movement **24-48 hours** following the use of both these medication – **please call the office**

2. Additional Treatment

- Hydration: aim for at least 4 glasses of water per day
- Diet: increase fiber with foods that include prunes, apples, spinach, and whole grains
- Physical Activity
- Laxatives: Milk of Magnesia, MiraLAX and Suppositories or Enemas
- Prolonged constipation increases the risk of impaction or bowel obstruction
- IMMEDIATE EMERGENCY ROOM VISIT: abdominal pain/bloating, decrease or no passing gas, nausea and vomiting.

3. "Red Flag" Symptoms

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- IMMEDIATE EMERGENCY ROOM VISIT: abdominal pain/bloating, decrease or no passing gas, nausea and vomiting.

BANDAGE & BATHING

- Your post-operative dressing is a large, Band-aid like dressing called Aquacel
- This bandage is waterproof – as long as the bandage is on, you may shower and get the area wet
- **Keep the bandage in place until 2 week follow-up appointment**
- Do not soak the knee
- Do not go swimming until 4-6 weeks after the surgery

PHYSICAL THERAPY

- Stiffness is a common source of pain and therapy is often started several days postop
 - Your therapist may start with range of motion and strengthening exercises on your first visit.
 - Physical therapy should begin at least 3 to 4 days after the surgery

ACTIVITY

- You may put entire weight on the operated leg as tolerated
- Most people use a walker or cane for about 2 to 4 weeks until the leg feels stronger
- You may bend as much as tolerated
 - It's encouraged that you try to move the knee and walk around after surgery
 - This helps avoid blood clots and knee stiffness
- You may return to sedentary work in about 2-3 weeks after surgery if your pain is tolerable
- Do not drive until cleared to do so
 - Your reaction time to reach the brake will be decreased
- Avoid long distance traveling in cars or by airplane during the first month after surgery to avoid increasing your risk of developing blood clots

FOLLOW-UP APPOINTMENT

- We will see you back 2 weeks following the surgery to assess range of motion and the incisions. Sutures will be removed at this time as well.

WHAT TO WATCH OUT FOR

- Pain that is increasing every hour in spite of the pain medication
- Drainage from the wound more than 2 days after surgery
- Increasing redness around the surgical site
- Fever greater than 101.5 degrees
- Unable to keep food or water down for more than one day

No dental appointments until 6 months post-operatively. If there is an emergency please notify the office. Patients will be placed on antibiotics for all dental appointments.

Need more information? Scan the QR code below to watch these helpful videos from Dr. Payne on Post Operative Care.

