

# TOTAL KNEE REPLACEMENT



 **Portneuf**  
HEALTH PARTNERS

All together better







# Questions and Notes:

## Phone Numbers

**Surgeon's Office:** \_\_\_\_\_

**Pre-Anesthesia Testing Center:** Monday-Thursday 8am-6pm, Friday 8am-2pm

Nursing Line: 208-239-1027 or 208-239-1029

**Surgery Department:** Monday-Friday

Preop: 208-239-1251      Recovery (PACU): 208-239-1205

**Nurse Liaison:** 208-239-2950 available from 6:30am-2pm

**Total Joint Center: 24 hrs - (208) 239-2345**



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# Welcome to Portneuf Medical Center

The quality of care you receive during your stay and your participation in your care here at Portneuf Medical Center are very important to us. Our goal is to ensure that we provide you with excellent care. In order to reach this goal, we utilize a proactive approach to patient care. We strive to make regular rounds in hopes to anticipate and meet your needs in a timely and effective manner. Safety is our priority.

During your stay you can expect to be visited by one of our staff members according to the following schedule:

In Pre-Op, nursing staff will be updating you at least every hour on any delays, and we will be checking to ensure your needs are being met.

In the Post-Anesthesia Care Unit (PACU), nursing staff will be providing care to you on a continuous basis and updating you on your plan of care. Your PACU nurse or the Nurse Liaison will also be updating your family/support person on your status at least hourly.

In the Total Joint Center, nursing staff will be rounding on you at least every hour to ensure your needs are being met. Your nurse will carry out physician orders, update you on your plan of care, communicate with your family about your care, and provide support as needed. A nursing leader will also round on you during your visit to ensure you are receiving excellent care and to answer any questions you may have about your stay.

When a caregiver comes into your room for regular rounds they will do the following:

Check on your wellbeing, comfort, and pain level.

Assist you with your personal needs such as getting up to use the bathroom, access to items, etc.

Help you move or change to a new position

Update the communication board

Answer any questions you or your visitors may have

If at any time during your stay you feel you are not receiving excellent care, please let us know immediately so we can address your concerns. You may voice your concern with any member of your healthcare team including your Nurses Aide, Nurse, Charge Nurse, House Supervisor, Physician or Nurse Director.

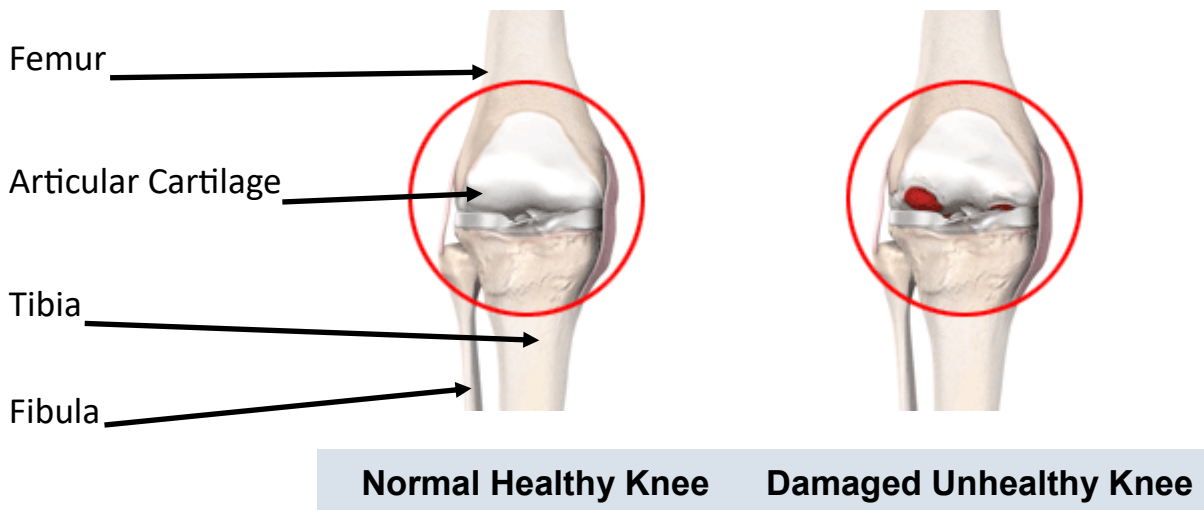
**Our mission is to serve our patients with dignity and respect  
while delivering world-class care, every patient, every time.**

**Thank you for choosing Portneuf Medical Center.**

## Understanding your Knee Joint

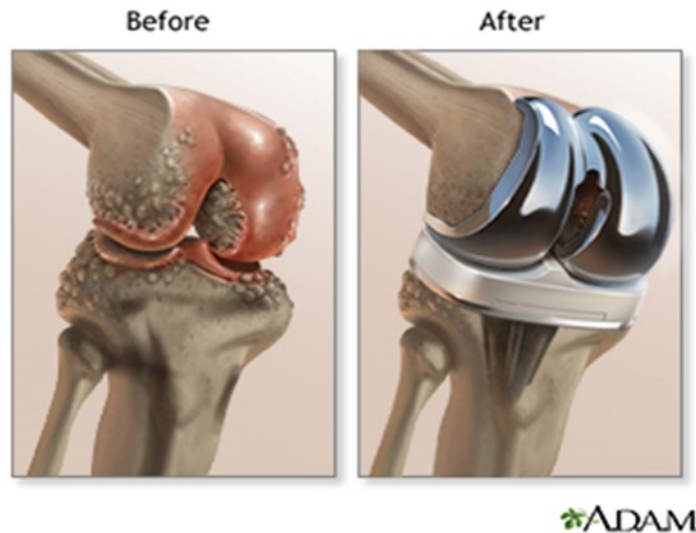
The knee is a complex hinged joint. This type of joint allows for stability during flexion and extension. The joint is made up of three bony parts: the shin bone (tibia), the thigh bone (femur), and the knee cap (patella). The bottom of the femur meets the top of the tibia and is cushioned by cartilage. The cartilage is lubricated by fluid in the joint. These components, along with strong muscles and ligaments create a healthy knee joint. Having a healthy knee joint allows for walking, kneeling, sitting, and squatting without pain.

Conditions such as arthritis, old fractures, abnormal stress, and aging can damage the knee joint and cause rough areas to develop. This creates pain and stiffness with movement.



## Knee Replacement

A total knee replacement, otherwise known as a total knee arthroplasty (TKA), is an effective way to relieve the pain and restore movement in a damaged knee. The replacement involves resurfacing the bones of the knee joint. There are three bony surfaces that can become rough and painful: the thighbone (femur), shin bone (tibia), and knee cap (patella). Depending on your condition, one, two, or all three of these surfaces may be replaced. The type of surgery you have depends on age, the amount of damage to the knee, and medical history. The surgery improves mobility and function, but does not guarantee a normal healthy knee afterwards.



# Do's and Don'ts of Surgery

## Surgery Do's

- Shower before you arrive and wear loose, comfortable clothes.
- **Plan to give a urine sample the morning** of surgery if you are female between 8 - 65 who has not had a hysterectomy.
- Bring your ID and insurance card. Remember your copayment if you have one.
- Bring your advanced directive or living will if you have one.
- **Bring your CPAP** if you have one.
- **Bring your inhaler** if you have one.
- Please **bring a complete list of all medications that you are taking**, including any over-the-counter medications, vitamins, supplements, and herbal medications. On your list, please state the name, dose, time, and reason for taking each medication. **If you bring any medication from home, it must be in the original container.**
- You may bring personal hygiene items such as hairbrush, toothbrush, toothpaste, etc.

## Surgery Don'ts

- **Do not eat or drink anything after midnight the night before your surgery.** This includes any gum, mints, suckers, cough drops and tobacco products. (You may have a small sip of water with any medications you were instructed to take the morning of surgery.)
- **No smoking** while at Portneuf Medical Center. We are a smoke-free facility. This includes all tobacco products including vaping.
- Do not use recreational drugs prior to surgery. Please stop these as soon as you know you might be having surgery.
- Don't bring jewelry, money, or other valuables to the hospital.
- Don't wear eye makeup or lipstick the day of surgery.
- Do not try to have surgery **if you are sick.** **Please contact your surgeon's office** as soon as possible to reschedule your surgery. It is important that you feel well .





# Getting Ready for Surgery

## Prior to Surgery

- Contact your physicians office to confirm surgery authorization by your insurance. Contact your insurance for information regarding Home Health agencies, Durable Medical Equipment providers, and/or Skilled Nursing facilities that are in network.
- Practice “pre-surgery exercises” explained further in booklet to help prepare your muscles for surgery and speed your recovery
- Attend Joint School
- Have a discharge plan. Arrange to have a friend or family member pick you up when discharged from the hospital. Plan to have a friend or family member stay with you for the first several days after surgery. Move all self-care items and most commonly used items within reach. Assure that elevated seating is available, low seating will be difficult to get out of post-op.

## Surgery Time

You will be called 2 business days prior to surgery concerning what time to check in for surgery. These calls are usually made after 2:00 pm. Your check in time is about 2 hours prior to your scheduled surgery time. This allows adequate time for you to check in and get ready for surgery. *Your surgery time may change if there are delays, emergencies, or same-day cancellations; we will keep you updated the best we can if these situations arise.*

# Pre-Surgical Exercises

Performing the following exercises prior to surgery will aid in your recovery after surgery. If any exercise is painful, please stop! Do all exercise in a controlled manner. Perform exercises 2-3 times per day leading up to surgery. **Complete 10-15 repetitions for each exercise.**

## Upright Elbow Triceps Extension



Extend your elbow as shown while holding a free weight. Maintain upper arm in an upward direction and only bend and straighten from the elbow.

## Quad Set—Towel Under Knee



Place a small towel roll under your knee, tighten the top thigh muscle to press the back of your knee downward while pressing on the towel.

## Straight Leg Raise 2-SLR



While lying or sitting, raise up your leg with a straight knee. Keep both knees straight the entire time.

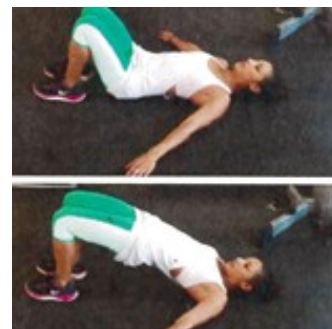
## Clam Shells



While lying on your side with your knees bent, draw up the top knee while keeping your feet together. Do not let your pelvis roll back during the lifting movement.

## Bridge

Lie on your back with knees bent and heels close to your bottom. Slowly push up through the heels and raise the hips toward the sky until your body is in a straight line from your shoulders to the knees. Squeeze your buttocks at the top and hold for three seconds, then slowly lower back to the floor and repeat.





## Your Healthcare Team

### Nurses

- Monitor your condition throughout your stay.
- Provide information and treatment needed for recovery.
- Organize and coordinate care.
- Answer questions or concerns.

### Case Managers

- Discuss who is available to assist at home after discharge.
- Review discharge options; Home Healthcare or Skilled Nursing Facility [SNF] if necessary.
- Review equipment needs.
- Answer questions about insurance coverage.
- Review advanced directives; living will and durable power of attorney.

### Occupational Therapists (OT)

- Instruct on proper use of hip kit for bathing/dressing.
- Teach safe techniques for transferring in/out of shower, on/off toilet, chair, or bed.
- Suggest tips for completing household tasks easily and safely.
- Help determine the durable medical equipment needed at home.

### Physical Therapy (PT)

- Evaluate mobility and strength.
- Teach how to get out of bed, climb stairs, and get in/out of the car.
- Teach how to walk with a walker or crutches.
- Teach and provide exercises to increase your strength and improve range of motion.

### Hospitalist

- The surgeon may request that an internal medicine doctor (hospitalist) see you to assist in managing care while in the hospital. There is a hospitalist available 24hrs per day.



# Day of Surgery

## Pre-op

Enter the **main entrance** on the south side of the hospital by the waterfall and piano. Head to the right of the information desk and take the **elevator** up to the first floor, press 1F. You will **sign in on the computer** at the front desk in the surgical waiting area and one of our staff members will be with you to check you in for surgery.

- Once checked in, you and a support person will be brought to your pre-op room. Here you will change into a hospital gown and an IV will be placed in your arm. A nurse will review your medical history and current medication list, addressing last time each medication was taken. The nurse will complete a head-to-toe assessment.
- The surgeon will come visit with you prior to surgery to ensure all of your questions are answered. He will initial the surgical site to ensure that the surgery will be performed correctly.
- Our Anesthesia team will also come visit with you; either an Anesthesiologist (Doctor of Anesthesia) or a CRNA (Certified Registered Nurse Anesthetist). They will do a brief assessment and will discuss what kind of anesthesia you will receive during your procedure along with its risks. Listed are a few examples of the different types of anesthesia:

**General anesthesia** is used to induce unconsciousness during surgery. It is either inhaled through a breathing mask or administered through an IV line. A breathing tube is inserted into the windpipe to maintain proper breathing during surgery.

**Spinal anesthesia** is an injection into the subarachnoid space of the spine causing loss of sensation below the area injected. Medications for sedation are also given to keep you relaxed and unaware of what is going on. With this type of anesthesia a breathing tube is not inserted.

## Surgery

In the operating room:

- The knee is scrubbed with an antiseptic soap.
- A Foley catheter (urinary catheter) may be inserted into the bladder to drain urine. It is usually removed after your first session of physical therapy.
- Anesthesia is administered at this time. The healthcare provider may use general anesthesia or a spinal block.
- The surgeon will use an implant with a porous surface, allowing for bone to grow into and around the pores of the implant. The implant may then be secured using medical cement. This surface allows your own bone to grow into and fill the pores of the implant.
- The incision will be closed with internal stitches and glue to seal the incision. In some cases stitches or staples may be used. The incision will then be covered with steri-strips and a bandage.





## Post Anesthesia Care Unit (PACU)

Length of stay: 60-180min (time varies by patient)

Your surgeon will inform your family of your condition and inform them that they will be able to see you once admitted to the Total Joint Center (TJC).

- Blood pressure, breathing, and other vital signs are watched closely.
- Medications for pain and nausea are available if needed.
- Anesthesia will place a **single-shot injection nerve block** to your affected joint to assist with pain management. The block will help with pain control for up to 24hr hours and will support your oral pain regimen.

Before your transfer to the Total Joint Center, you must meet certain criteria in the PACU. Meeting these guidelines will ensure your safety and stability for transfer.

## Total Joint Center (TJC)

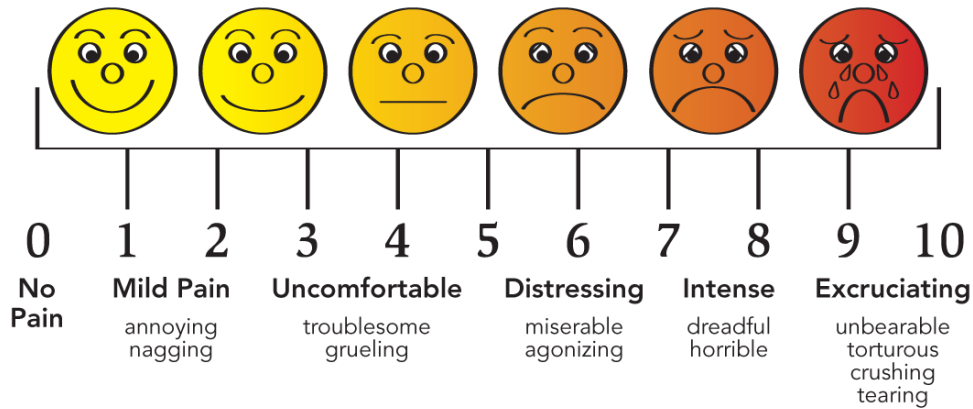
Once admitted to the floor, your family is welcome to visit.

- Breathing, pulse, and blood pressure will be monitored frequently. A blood pressure cuff will be applied to the arm to monitor blood pressure. A pulse oximeter sticker probe will be applied to your toe (likely attached to the operative extremity) to measure oxygen levels and heart rate. The pulse oximeter will remain on throughout the duration of your stay.
- Supplemental oxygen may be needed after surgery. An **Incentive Spirometer (IS)** will be provided to help decrease the need for supplemental oxygen and to help prevent pneumonia. The nursing and respiratory staff will teach about Incentive Spirometry. It is very important that this is done 10 times per hour, when awake.
- Physical Therapy (PT) will work with you. They will assist you getting out of bed, standing, and/or take a few steps the day of surgery. If you arrive to the floor late in the day, your PT visits will begin the next morning.
- Daily blood draws are done in the early mornings, to assist in monitoring labs and dosing for medications.

# Pain Management

Pain Management is an important component to the healing process. **You will have pain after surgery**, but it is our goal to make your stay and recovery as comfortable as possible. To help achieve this, our staff will help you set a **pain goal** to enable better understanding of what level of pain is tolerable for you. We will use a combination of oral and IV pain medications.

Please point to the number that best describes your pain.



Prior to surgery, discuss with your surgeon:

- Previous experiences with pain. Mention what has worked for you and what has not in regards to decreasing pain.
- Ask how severe the pain typically is after this type of surgery and how long it lasts.
- What kind of pain medications will be given before and after surgery? What are the possible side effects of these medications? What can be done to minimize side effects?
- Can you use non-prescription pain medication? Many times it is ok to use ibuprofen and/or Tylenol either in addition to or in place of stronger medications.
- If you have chronic pain this should be discussed as there may be some special considerations for post-surgical pain management.
- Be honest about your alcohol and drug use.

Together you and your surgeon can make a plan that will work the best for you.

## Good pain management

allows your body to heal, helps you return to normal activities,  
allows you to breathe more deeply,  
and typically requires less narcotic to manage pain.

Using a combination of these strategies to control surgical pain can be very helpful and can provide better pain relief than medication alone.

**Stay ahead of the pain.** Do not wait until your pain is severe before you take your medication. Most oral medications take at least 30 minutes to start working.

**Take pain meds prior to any physical activity** that will cause pain, such as physical therapy.

In the days immediately following your surgery, try taking your pain medication as prescribed by your surgeon. As your pain improves, you can extend the time between doses until you are able to quit using it altogether.

**Apply ice using your Cryo-cuff for** 15-20 minutes every hour or as directed to decrease swelling and pain. Do not ice more often than every 2 hours. Do not put ice directly on your skin.

**Increase physical activity slowly.** Overdoing it increases your pain level and makes it difficult to recover.

**Don't sit too long.** Get up and walk every hour while awake to help keep your muscles from getting stiff and promote blood circulation.

**Get enough sleep.** Adequate sleep improves your ability to cope with pain, speeds healing, and can actually reduce pain.

**Reduce stress** as it can increase pain. Surgery is a type of physical stress, and while that cannot be avoided, many other stresses can be minimized. .

**Distraction techniques** such as deep breathing, relaxation exercises, listening to music, playing cards, visiting, watching TV and meditation can all be beneficial in redirecting your attention from pain.

Be aware that **Pain Medications can be a cause of Constipation**

**What is constipation?** Constipation is when you have hard, dry bowel movements, or when you go longer than usual between bowel movements.

**Signs and symptoms of constipation:** difficulty pushing out your bowel movement, pain or bleeding during your bowel movement, a feeling that you did not finish having your bowel movement, nausea, bloating, and headache.

**Managing constipation**

- ⇒ Drink liquids: the average adult should drink approximately 8 glasses of water a day
- ⇒ Eat high fiber foods: such as fruits, vegetables, whole grains and beans.
- ⇒ Physical Activity: get up and walk frequently.
- ⇒ Medications: over the counter stool softeners, laxatives or a fiber supplement may help produce a bowel movement.

Please contact your surgeon or go to the nearest emergency room if your constipation gets worse.

# Preventing Surgical Site Infections

## Practice good hygiene.

- **Do not shave** near where you will have surgery. Shaving with a razor may irritate your skin and make it easier to develop an infection. **The nursing staff at the hospital will assist with hair removal prior to surgery using electric clippers in the area the surgeon will be working.**
- **Shower** prior to coming in for surgery; be as clean as you can be. Your surgeon may recommend that you use a chlorohexidine body wash prior to surgery to help reduce the germs that are naturally on your skin.

## At the Hospital

- **Hold everyone accountable for good hand hygiene.** Make sure all healthcare providers, as well as friends and family, clean their hands with soap and water or hand sanitizer prior to visiting with you. **If you do not see them do this, please ask them to do so.**
- **Your surgeon may prescribe an IV antibiotic to be given before the surgery,** your surgical site will be scrubbed and hair in the area clipped.

## After Surgery

- **Make sure you understand how to care for your surgical dressing before you leave the hospital.** The dressing protects the incision from dirt and bacteria, controls drainage and keeps medication on the site. Your doctor or nurse will explain everything you need to know about taking care of your surgical dressing.
- **Always wash your hands** prior to doing anything with your surgical site. Use gloves if you have them. Do not let anyone else (people or animals) touch it unnecessarily.
- Practice **good hygiene** such as keeping fingernails short, clean, and well maintained. Keep urine, stool, and other body drainage away from your surgical site. Do not sneeze or cough on your surgical site.
- Keep your **environment clean.**
- Ask your surgeon before taking a bath, getting in a hot tub, or swimming.

### Recognize Signs and Symptoms of Infection and report them immediately to your surgeon or go to the nearest emergency room!

- Pus or cloudy fluid draining from the incision
- Redness or red streaks spreading from the incision (may look like a rash)
- Swelling or warmth at the surgical site
- Increased pain or tenderness (ie. Pain that was controlled with medications and now is not)
- Fever over 101.5 degrees or chills



# Preventing Blood Clots

With any surgery you are at increased risk for developing a blood clot. They can lodge in a vein of an arm or leg or become mobile and travel to other parts of the body such as the heart, lungs or brain and cause serious problems.

## What puts you at risk for a blood clot:

- If you have had surgery or will be spending a lot of time resting in bed or are sedentary
- Have a history of serious illnesses like heart, lung, or kidney problems
- Have a history of blood clots
- Have been traveling and sitting for more than 2 hours at a time, especially on an airplane
- Smoke
- Are overweight

## To prevent blood clots, keep your blood moving and promote good circulation by using the following tips:

- ⇒ **Get up and move** around every 1 to 2 hours while you are awake. Avoid sitting for long periods of time.
- ⇒ When sitting or laying down, **pump or wiggle your feet and ankles** and avoid crossing your legs.
- ⇒ While in the hospital, the doctor may order a special machine that will squeeze and release on your legs (sequential compression device (SCDs) or plexi boots) and/or compression socks (TED hose). If you are sent home with compression socks, wear them day and night until your follow up appointment.
- ⇒ You will be sent home on a form of anti-coagulation therapy via medication. Medications may vary depending on your medical history.

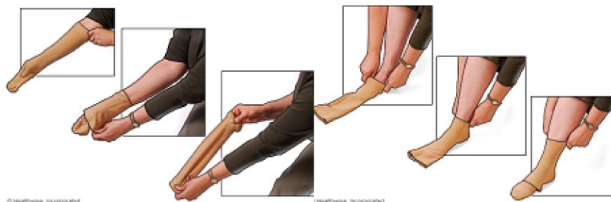
## Signs and symptoms of blood clots:

- Redness
- Hot to the touch
- Increased pain
- Swelling

## Use and Care of Compression Socks

1. Make sure your legs and feet are clean and dry prior to putting them on.
2. You may apply powder lightly to your legs to decrease irritation and help the stocking slide on more easily.
3. Don't use lotion or oils on your legs as these can cause the elastic in the socks to wear out. Also be careful to avoid stretching or pull on socks more than necessary.
4. Make sure you put the socks on straight. Twisted socks will not provide the proper support.
5. Remove stockings at least daily and wash your legs. Check your legs and feet for change in color, temperature, sensation (numbness), irritation, skin sores, tenderness, or pain. These are signs of decreased blood flow.
6. Wash socks every 3 days. Machine or hand wash with only soap and water, do not bleach. Dry socks by laying them flat or machine dry on low.

How to put socks on: Pinch heel and fold sock inside out to the point. Put sock on just the foot. Next pull the rest of the sock up. Ensure there are no wrinkles.



# Fall Prevention

Portneuf Medical Center is focused on providing safe and excellent care.

**We need you and your family's help to achieve this goal.**

Patient falls are one of the leading causes of adverse events in hospitals throughout the U.S.

*Surgery, anesthesia, pain, and nausea medications increase your risk for falling.*



## To keep you safe we ask that you:

- **Do not get out of bed without staff assistance.** Do not allow family members to help you get out of bed.
- **Use your call light.** It should always be within reach.
- **Ensure personal items are in reach.**
- **Slowly sit up and then stand.** Don't be in a hurry.
- **Use assistive devices as directed,** such as a gait belt, cane, walker, or wheelchair.
- **Wear socks or shoes that have good grip and fit well.**

## Our hospital staff

- We strive to round on each patient at least every hour.
- During our rounds we will check on the following needs: pain control, positioning, potty (toileting), proximity of personal belongings, and privacy.
- We will stay within arm's reach of you while toileting, transferring, and/or walking. During these times, we will use a gait belt to better keep you safe.





## Prior to Discharge

Most patients will go home the day of surgery or on Post-Op day 1 at the latest. Certain criteria will need to be met prior to discharge (staff will cover this criteria). The following is a list of things you can expect to happen prior to going home:

- Continue using the Incentive Spirometer to facilitate in keeping lungs clear. 10 x per hour. Deep breathing and coughing will help as well.
- PT will work with you to assess stability and walking patterns. They will go over any precautions related to your surgery, teach exercises to be done at home, and educate on how to maneuver on the stairs.
- OT may see you to review any precautions you may have. They will also educate on how to perform daily activities safely and as independently as possible.
- Case management will meet with you to assist in arranging for discharge. They may discuss home health and/or ordering of DME (durable medical equipment).
- If you have a urinary catheter, it will be removed prior to discharge. It's important to drink plenty of fluids to assist in being able to urinate after the catheter is removed.
- The knee dressing will be removed this day. Directly post-op, your knee will have a Jones Dressing applied. This dressing consists of a soft gauze beneath an ace bandage that is wrapped from the ankle and up to the top of the thigh. Beneath the Jones dressing, a Mepilex dressing is placed in the OR covering the incision. The Mepilex will remain for the next 7-14 days.

When this criteria has been met, and you are medically stable, your surgeon will write discharge orders. Your nurse will go over all discharge instructions in detail before leaving the hospital. This includes, but is not limited to, follow-up appointments, blood tests, new medications, safety, signs and symptoms of infection, signs and symptoms of blood clots, and pain management. Please ask questions and/or for clarification on any instructions if they are unclear. We want you to feel confident and comfortable when you leave the hospital. If questions do arise after discharge, your home health nurse is a great resource.



# Planning Your Discharge

A discharge planner (Case Manager) will meet with you to review discharge options, discuss safety issues, equipment, and how you will be cared for upon discharge. Your discharge plan takes into account your doctor's recommendations, individual needs, ability to tolerate physical activity, and insurance coverage. Your Case Manager will make appropriate referrals once a decision is made.

## Home Health Care

Home health care may be ordered for those patients who are homebound but do not require intensive medical or rehabilitative care.

- Home care nurses monitor your recovery, including pain management, home safety, and medications. They also consider whether you need additional help with your self-care routines.
- A physical therapist checks your progress and helps with your exercise program.
- An occupational therapist is available to evaluate your home and your ability to perform daily activities.
- The number of home visits varies based on individual needs, medical necessity, and insurance.
- Your doctor may order additional outpatient therapy sessions after discharge from home health care if needed.

## Skilled Nursing Facility (SNF)

If you are unable to care for yourself with assistance at home, you may qualify for a Skilled Nursing Facility (SNF). A SNF will provide ongoing nursing care and rehab therapies that you may need to complete your recovery. In order to qualify for a SNF, you must be evaluated by PT and OT in the hospital to establish medical necessity. Prior approval from your insurance will be needed (case management will help with this).

- The typical length of stay is 1-2 weeks.
- Nurses monitor your recovery.
- Medications are included in your stay.
- Physical and occupational therapy are provided several times per day.
- The SNF discharge planner arranges for any special equipment and/or home care you may need at discharge.





# Recovery and Rehabilitation

An exercise program will be started the day of surgery, unless otherwise ordered by your doctor. There may be a feeling of weakness or dizziness at first, this is normal. There may be pain and stiffness when you first start to move. Let the therapist know if the pain is too severe. **Remember to take pain medication and stay on top of the pain.** Unless ordered otherwise, the surgical leg is weight bearing as tolerated.

## Guidelines and precautions

- **Do not put pillows under your knees when you are lying down.**
- Do not twist your knee when standing.
- Avoid sitting for prolonged periods.

Do not strain your knee by excessive stooping and bending. Some stretching pains are normal when you exercise. Follow the exercise program as instructed. Do all exercises slowly in a controlled manner. Stop doing any exercise if it causes any sharp pain. Breathe normally during exercises. Do not hold your breath! Walk the distance that is tolerable each day. Do not become overly tired. Always use two crutches or a walker until instructed otherwise.

Call your doctor if you notice signs of redness, swelling, or increased pain in your knee or leg.

## Transfers

- Scoot to the edge of the bed or chair before standing.
- Keep surgical leg in front when getting up from a chair or bed.
- Push up from the chair or surface in which you are sitting and reach back before sitting down.

## Sitting

- Sit in chairs that are higher than knee height.
- Sit in a firm, straight-back chair with arm rests.
- Use caution when sitting on low chairs, rocking chairs, sofas, or stools.
- Avoid sitting for prolonged periods. Change position frequently to avoid developing stiffness in the knee.



## Walking

- Continue to use your walker, crutches, or cane until your physician or therapist instructs otherwise.
- Wear well-fitting shoes with non-skid soles.
- Get up and move around every hour. Take short, frequent walks.
- Be careful on uneven ground or wet surfaces.
- Use a bag or basket on the walker to carry needed items. This allows both hands to be free which is safer.
- When walking, move the crutches or walker first. Step forward with your surgical leg while supporting yourself with your arms, then step through with your good leg.

## Ice and Elevation Instructions

- Lie down several times throughout the day with the leg elevated higher than the heart (foot higher than knee, knee higher than hip) for 15-30 minutes.
- Apply ice to affected leg for 15-20 minutes while it is elevated. Do not ice more often than every 2 hours. Ice following every exercise session.
- Place a layer of cloth between the skin and cold pack to prevent injury to the skin.



## Post –Surgical Exercises

### Ankle Pumps



Lying on your back, point toes up and down.

### Quadriceps



Push the back of your knee into the mat and hold for 5 seconds.

### Hip Abductions



Lying on your back, bring leg out to the side, and then back in again.

### Heel Slides



Lying on your back, slide foot toward your buttocks. DO NOT bend hip more than 90 degrees.

### Straight Leg Raise



Lying on your back, lift your leg up and down keeping the knee straight.

### Seated Extension Stretch



Put your foot up on a stool or chair.  
Hold this stretch for 5-10 minutes.

### Seated Knee Flexion



Sit in a chair and bend your knee by  
sliding your foot along the floor.

### Long Arc Quad



Sit in a chair and lift your foot up and down.

### Mini-squats



Hold onto the counter, have feet shoulder  
width apart and bend at the knees.





# Home Safety

## The following equipment may be needed at home:

- Walker/crutches
- Shower chair
- Toilet raiser/commode chair
- Grab bars in bathroom and/or shower
- Reacher, sock assist aide, long handled shoehorn, and gait belt.

Case management will discuss equipment needs and coordinate with occupational therapy to assist you in obtaining the necessary items. Be advised that other than a walker, most medical equipment is not covered by insurance. Information is provided on local equipment companies and insurance coverage for medical equipment. Many people borrow equipment from friends or family and/or locate them in local thrift shops.

## We suggest the following home safety tips:

- Use bag or basket on walker to carry needed items (phone, etc) this will allow both hands to be free which is safer.
- Move electrical cords out of the way
- Remove throw rugs
- Add firm pillows to low chairs
- Store items within easy reach
- Use a cart to move items
- Watch for small pets or objects on the floor
- Install rails along stairs if needed
- To avoid injuring yourself, always think before you move

## Adaptive Equipment



Adaptive equipment may be necessary to create a home environment. Ask your therapist for more information.

# Home Equipment

## Dressing

- Use long-handled equipment to get dressed (hip kit).
- Perform dressing while seated for safety.

### Dressing the lower body with assistive devices.



- Place surgical leg into pants
- Grasp back of pants or waistband with reaching device.
- Pull-up pants with reaching device until you are able to grasp pants with your hands
- Bring pants over your knees before standing.



- Stand-up, achieve your balance, and then pull one side of your pants up at a time.



- Place effective foot stocking over sock aide.
- Pull up sock over foot and sock aide.
- Use reaching device to complete process.

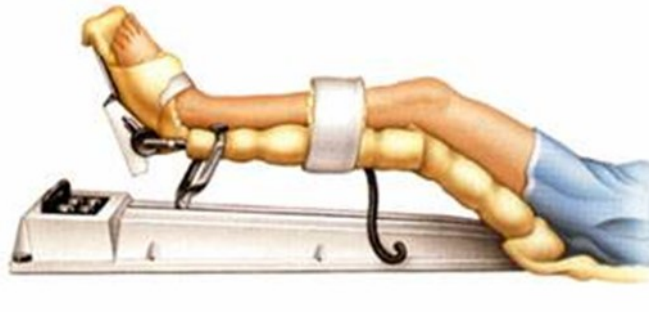
Once knee range of motion improves, discontinue use of assistive device.

## Continuous Passive Motion Machine (CPM)

Your doctor may order the use of a Continuous Passive Motion Machine (CPM). The CPM moves your knee joint in a very slow, continuous motion. It increases circulation and prevents your knee from becoming stiff. It is usually started on post-op day 1. The amount of time you use the CPM can vary up to 6 hours a day, as determined by your doctor. Staff will assist you with placement and removal of the CPM.

In the machine, your leg rests on a fleece “support” to prevent skin irritation and bruising. Staff will check your upper thigh and heel often for irritated areas. Let them know if the CPM burns or hurts your leg.

You may take a CPM machine home when you are discharged from the hospital to be used for a length of time specified by your physician.



### CPM Instructions

- Use CPM 1-2 hours, 3 times or more a day for a total of 6 hours.
- You may decrease time spent in the CPM at home as you increase your activity level.
- Make sure your foot is firmly against the footplate to allow for proper alignment. Place the strap around your thigh to maintain optimal positioning while the machine is in motion.
- Increase the flexion (knee bending) as tolerated without increasing pain level. Try increasing one degree every 30 minutes.
- It is okay to turn the machine down if it surpasses your pain tolerance.
- It is okay to decrease flexion when you start your first use of the CPM in the morning until your knee loosens up.



### **Increasing flexion on the K1 dial remote:**

- Press Stop.
- While pressing the knee bend dial, turn it to the right to increase.
- Press the start button.
- If by chance you lock the hand controller: hold down the left 2 control knobs (extension and speed) at the same time for 3 seconds.

### **Increasing flexion on the K1 Optiflex remote:**

- Press the menu button.
- Press the black button underneath the flexion option (looks like a bent leg and will be to the far right of the screen).
- Push the + or – button. The largest number in the middle of the screen will indicate the new flexion limit.
- Press the start button to save the settings and start the machine.

### **Things to remember while the CPM is in your home:**

- Keep hands, cords, children, pets and blankets away from moving bars and track.
- Have CPM in full extension (flat) when getting in and out of CPM.
- Keep the CPM on flat and stable surfaces. Do not place on the edge of a bed or somewhere it can fall. If you do not have a footboard on your bed, you may need to turn around and place the machine against your headboard so it doesn't push away from you and fall off the bed.
- Do not pull on the cords and keep cords away from moving bars and the center track.
- Keep drinks and fluids away from electrical components.
- Please keep CPM clean at all times and free from debris or obstructions. Please do not smoke while using the CPM.
- Do not allow anyone else to use your prescribed equipment.
- Call the number on the base of the machine if you have any problems or when you are finished with it.

## Getting in and out of bed



- Step back to the bed until non-surgical leg touches the bed. Position yourself close to head of bed.
- Slide surgical leg forward.
- Reach back to the bed with your hands and sit softly with shoulders back.
- Scoot buttocks toward head of bed.
- Begin to lift surgical/non-surgical leg onto the bed (can use leg lifter if needed).
- You may bend knee of non-surgical side to lift yourself on the bed.
- Reverse technique to get out of bed.

## Getting on and off the toilet

### To sit down on the toilet



- Square up with the toilet
- Reach back for the toilet, nearby vanity, or grab-bar and slide your surgical leg forward
- Slowly lower yourself down to the toilet

### To stand up from the toilet

- Slide your surgical leg forward
- Push up from the toilet

### Toileting

- Use a raised toilet seat at or above knee height. A regular toilet is generally more difficult to use after surgery, depending on your height.
- Avoid twisting during personal hygiene. Sometimes it is easier to complete this while standing.
- Your OT will provide further training on how to do this safely.

## Getting in and out of the Tub



- Step back to the tub until the non-surgical leg touches the tub. Place surgical leg forward.
- Reach back for the seat and sit down slowly. Keep shoulders back and surgical leg forward.
- Place non-surgical leg in tub. Scoot hips over onto seat.
- Lean back when swinging surgical leg into tub.

### Bathing

- It is safer to get into and out of a dry tub.
- Purchase a tub seat or bench.
- DO NOT bend or squat to wash your legs or feet. Use long-handled equipment (loofa or sponge) to reach them.
- Use liquid soap or place bar of soap in a knee-high nylon and tie nylon to tub seat or bench.
- DO NOT sit in the bottom of a regular bathtub, use a tub seat or bench.

**If you are able to tolerate standing for an entire shower, you may not need a shower chair or tub bench. Some symptoms including lightheadedness, dizziness, or weakness will warrant the need for these items.**

## Car Transfer



- Move front passenger seat as far back as possible.
- Square-up with the front passenger seat.
- Reach back for the dashboard and seat.
- Slide your surgical leg forward.
- Slowly lower yourself down into the car.
- Scoot yourself back into the car.
- Lean backwards as you lift your surgical leg into the car.
- Reverse to get out of the car.

### Riding In a Car

- DO NOT drive until your physician medically releases you to do so.
- DO NOT enter your car while standing on a curb or step.
- Avoid long car rides. Get up and walk around every 2 hours.



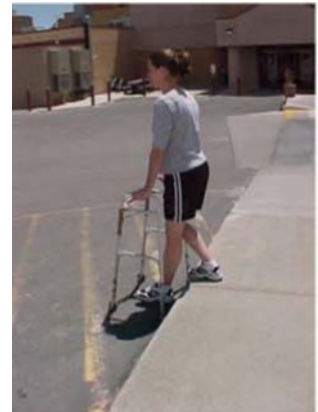
## Maneuvering up and down a curb or steps



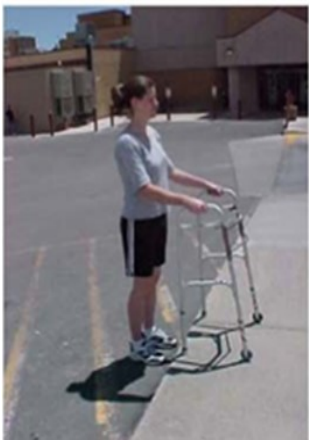
Square-up with the curb or step.



Place walker completely onto the ground.



Put surgical leg down first, then your non-surgical leg.



Square-up with the curb or step. Place walker completely up on the curb or step.



Put your non-surgical leg up first. Then your surgical leg.



Hold onto the handrail. Turn your walker sideways. Go down with the “bad” leg and up with the “good” leg. Move the walker up or down after each step.

# Patient Rights and Responsibilities

As a patient at Portneuf Medical Center (PMC), we encourage you to be a partner with us in your care. We want you to know your rights as a patient, and your responsibilities for your health care and our expectations while you are a patient. **You and your personal representative (family member or someone you designate) have a right to:**

## **Respect & Dignity**

- Be treated with respect and dignity by the hospital and medical staff at all times.
- Receive considerate, respectful, and compassionate care in a safe setting regardless of your age, gender, race, national origin, religion, sexual orientation, gender identity, or disabilities.
- Be given personal privacy during conversations with your caregivers, examinations, and treatment.
- Expect confidentiality of your personal health information and financial information.

## **Quality Care**

- Receive proper evaluation and treatment of your condition accounting for your social, emotional, and spiritual needs.
  - Be free from restraints, except when required to protect you or others from harm.
  - Be free from abuse, neglect, or mistreatment; obtain access to protective services.
- If you have any concerns about your care here we will promptly strive to resolve them. You or your family or personal representative may bring your concerns to:
- Any of your PMC caregivers.
  - Portneuf Medical Center Administration at 208-239-1032 or 777 Hospital Way, Pocatello, ID 83201.
  - Idaho Department of Health and Welfare, Bureau of Facility Standards at 208-334-6626 or PO Box 83720, Boise, ID 83720. For more information visit [healthand-welfare@idaho.gov](mailto:healthand-welfare@idaho.gov).
  - Office of Quality Monitoring, The Joint Commission, One Renaissance Blvd. Oakbrook Terrace, IL 60181 at 800-994-6610 (phone) or (630) 792-5636 (fax). For more information visit [complaint@joincommission.org](mailto:complaint@joincommission.org).

## **Access to Care**

- Receive emergency treatment to stabilize your condition regardless of your ability to pay.
- Be informed of business relationships among the hospital, other health care providers, or health insurers that may have an impact on your care.
- Be informed of realistic care alternatives when hospital care is no longer appropriate.

## **Information & Communication**

- Have us promptly notify a family member or personal representative of your choice and your own physician of your admission to the hospital.
- Communicate with caregivers and those providing services in a language or method you understand.
- Have information about your care explained accurately and completely, in a way that you understand.
- Receive detailed information about hospital and physician charges.
- Review your own medical records and receive a copy of your medical records, except as limited by law.
- Communicate with people outside the hospital, except when this would interfere with your care. Any restrictions will be explained to you.

## **Pain Management**

- Have an appropriate assessment of your pain and be involved in decisions about treating your pain.
- Have your pain responsibly managed.

## **Informed Decision-Making**

- Direct your care with an Advance Directive that describes what you want done in case you become unable to make health care decisions; the PMC Case Management Department can assist you in completing an Advance Directive if you do not already have one.
- Discuss your care with your caregivers and have your family and personal representatives involved in your care when it is appropriate.
- Be informed about your diagnosis, condition, treatments, and prognosis from your physician and caregivers.
- Be informed of the risks, benefits, and treatment options and have the option to agree or refuse the treatment plan.
- Be informed of any research studies that may affect your care and have the choice to agree or refuse to be a part of the research. If you do not agree to be part of research studies, it does not affect your treatment.
- Be involved in your discharge plan. You will be told in a timely manner about your discharge, transfer to another facility or another level of care.
- Be told about what follow-up care you may need.

## **Visitation**

- Be told the visitation policies in the clinical areas where you are being treated, including any restriction or limitations.
- Tell us who may visit you. You may refuse any visitor at any time.
- We will not restrict or deny visitation based on age, gender, race, national origin, religion, sexual orientation, gender identity, or disabilities. We may restrict visitation for clinical reasons or due to other necessary limitations.
- Have visits from your attorney, clergy, or physician at any reasonable time.
- Speak privately with any visitor unless a physician does not think that it is medically advised.

\*Media representatives and photographers must contact Hospital Administration to access any area of PMC to protect the privacy of all patients\*

## **PATIENT RESPONSIBILITIES**

- Give us correct and complete information about your health status and history. Tell your caregivers about any medication you brought from home.
- Give us a copy of your written Advance Directives or tell us what steps you want taken if you become unable to make health care decisions.
- Cooperate with your caregivers and ask questions if you do not understand treatments, information, or instructions.
- Tell your caregivers if you cannot or will not follow the plan of care or instructions.
- Accept the health consequences if you decide to refuse treatment or do not follow instructions.
- Respect the rights of staff, other patients and visitors and their property, and respect hospital property.

Tell your physician or caregivers about any changes in your health status, including your pain level or response to treatment.

Ask your caregivers about anything you do not understand including your diagnosis, treatment, discharge instructions, medications, or follow-up care.



# Visitation

At Portneuf Medical Center, we promote the Visitation Rights of patients for emotional and spiritual support. Visitation encourages involvement of spouse, domestic partners (including same sex partners), and other family members or friends as support in the patient's plan of care and treatment. Patients and their representatives or support person are provided with specific Visitation guidelines when they arrive on the Patient Care Area.

PMC does not restrict, limit, or otherwise deny visitation privileges based on race, color, national origin, religion, sex, gender identity, sexual orientation, or disability.

Patients, or their personal representatives or support person when appropriate, may limit, deny, or withdraw permission for any visitor at any time by telling their caregivers. The Manager of the Patient Care Area will work with the patient, their representatives and support persons to resolve disagreements about visitation.

PMC may limit or deny visitation for clinically valid reasons that we will explain. The safety of patients, visitors, and staff is our goal.

PMC staff cannot provide supervision of minor children. Please make sure that an adult supervises children at all times while visiting the hospital.

## Total Joint Center

Family and friends are welcome to visit at any time as long as they are respectful of both the patient they are visiting as well as other patients in the department. The visitor entrance doors are open from 5 am to 10 pm, Monday-Sunday. The Emergency Department entrance is available after these hours.

Family and visitors may be asked to leave patient rooms or patient areas to assure the safety and privacy of our patients during care, treatments, and/or procedures. The patient may request that a support person remain with them and we will make reasonable efforts to accommodate them.

Family and visitors may also be asked to leave to maintain a safe and quiet environment for our patients, our patient's family/visitors, and our staff.

Staff in the department will explain any visiting restrictions to the patient and family/visitors.

All children under the age of 18 must be supervised by an adult while in the department. Patients cannot be solely responsible for minor children. An adult family member or support person must be present to supervise children while in the patient room for the safety of both the patient and the children.

Influenza Season: If you or your children are ill or feeling unwell, please be considerate of others and either wear appropriate face mask (provided on our units along with hand sanitation stations) or refrain from visiting.

At times, our patients may be on Isolation precautions indicated by a sign outside the door. Family and visitors should follow the isolation precautions (Personal Protective Equipment) and guidelines as directed on the sign.

Visitors must follow facility regulations pertaining to fire and safety regulations:

- PMC is a smoke free facility; smoking on campus is prohibited. This includes the use of e-cigarettes, vaporizers, and any other tobacco product.
- PMC is a weapons free facility.
- In the event of an emergency, such as a fire, bomb threat, active shooter, or a disaster please remain in the patient's room and further instructions will be provided by staff.

At times patients may have 1:1 sitters in the room with them for the safety needs of the patient. These patients are unsafe to be left alone, please be aware that a designated staff member is required to remain with patient at all times regardless of family, friends, or other visitors that are present in room.

For the safety of our patients that require extra assistance while ambulating, please contact a staff member to assist with mobility.

# When to Call the Doctor

- Fever/temperature greater than 101.5 degrees
- Shortness of breath or chest pain
- Swelling, pain or redness in the lower leg
- Signs or symptoms of infection: Redness, swelling, drainage, warmth at the incision site
- Pain that is not controlled
- Itching, rash, or nausea from your medication
- If you have any questions or concerns

## Anesthesia Survey

Your anesthesia provider would appreciate your time in completing an online survey to let them know how they did in providing services to you. Information needed:

- (1) Date of Procedure
- (2) Surgeon name
- (3) Anesthesia Provider name
- (4) Facility where procedure was performed

Please go to this link <http://sei.questionpro.com> to complete the survey.

Thank You,

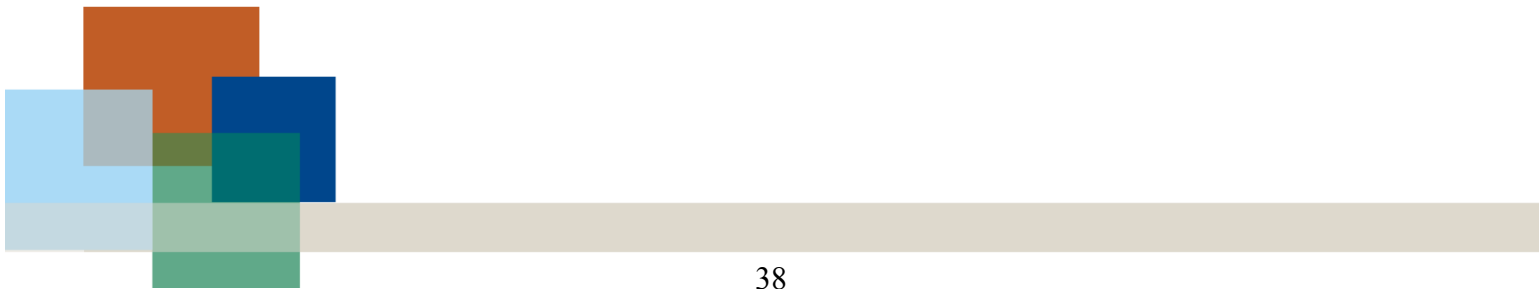
SEI Anesthesia

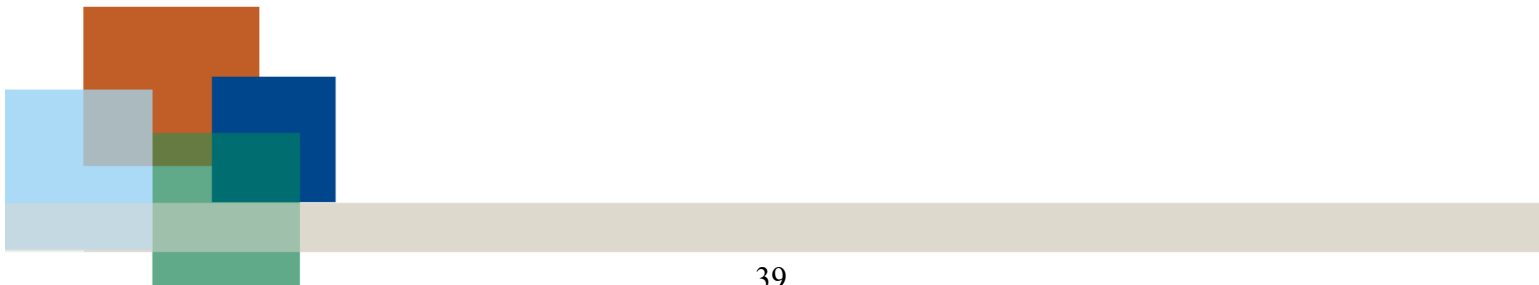




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All together **better**

DOC NO OR00076 (06/11/19) RK