Vanderbilt Sports Medicine

General Knee Rehabilitation

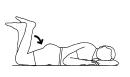
Complete __ sets of __ repetitions __ times a day





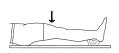








*Sit with leg extended. *Tighten quad muscles on front of leg, trying to push back of knee downward. *Place involved leg on chair. *Keeping back straight, bend uninvolved knee towards floor. *Place top of involved foot down on floor. *Gently sit forward in chair, pushing down with *Stand on uninvolved leg, using chair for balance. *Grasp the ankle of involved knee and pull upward. *Bend involved knee, placing uninvolved leg behind the involved. *Gently push involved knee forward with uninvolved leg. *Half kneel as shown on right leg. *Lean forward slowly keeping hips and back straight.







*Place weight on involved leg at far end. *Position knees at

*Position knees at edge of mat, relax leg and allow gravity to straighten leg.



*Lie on back holding knee from behind, pulling toward chest as shown.

*Gently straighten leg.



*Sit on firm surface with legs straight out in front.

*Slowly bend at hips, reaching for toes.

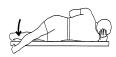


*Place heel on doorframe, with involved side about 5 inches form wall. *Gently slide buttocks toward wall, keeping knee straight.



*Stand with heel propped on table, knee straight, as shown. *Gently and slowly lean forward at

waist.



*Lie on uninvolved side. *Extend involved leg backwards and slowly lower until a gentle stretch is felt in outer thigh.





*Lie on back with knees bent. *Move involved side

ankle over opposite knee.
* Gently lift

* Gently lift uninvolved side knee up to chest.



*Stand next to wall, about a foot away, involved leg toward wall.

*Cross over the uninvolved leg in front, and lean into wall, as shown.



*Lift involved leg to chest and grasp knee with opposite hand. *Grasp lower calf with other hand, gently pulling across chest and rotating leg inward.



knee bent, ankle across opposite leg. *Grasp knee and pull thigh inward while moving to the involved

side knee inward.

*Lie on back, involved

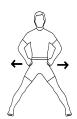




*Stand facing wall, hands on wall. *Step forward with foot of uninvolved leg, leaning hips inward toward wall, keeping rear leg straight with heel on floor.



*Stand facing wall, hands on wall. *With knees bent, step forward with foot of uninvolved leg, leaning hips inward toward wall, keeping contact with back foot



*Stand with feet apart almost as far as possible. *Shift weight toward uninvolved side and hold.



*Sit with knees bent, soles of feet together. *Slowly let your knees drop to floor. *Grasp ankles with hands and lean forward.



*Sit on stool, thighs apart, feet flat. *Place both hands on thigh. *Slowly lean forward, and slide hands toward ankle.



*Lie face down, legs straight. *Bend involved knee upward.



*Lie on back with involved leg bent to 45 degrees, supported with a bolster as shown. *Straighten leg at



*Lie on back with knees straight. *Keeping back against mat, raise involved leg as high as possible while keeping both knees straight.



*Lie face down, knee straight on involved leg. *Lift involved leg upward.



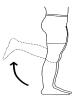
*Lie on involved side, with uninvolved knee bent and leg in front of involved leg. *Keeping knee straight, raise involved leg unward.



side.

*Lie on uninvolved *Lie on back with legs straight. *Keeping knee *Slide heel up to straight, raise involved buttocks. leg upward.





*Stand with both legs fully extended, and feet on floor. *Bend involved leg upward, towards

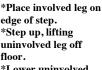
buttock, through full

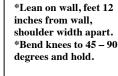
range.



edge of step. *Step up, lifting uninvolved leg off floor. *Lower uninvolved foot toward floor, but

do not touch.







*Stand on step with both feet. *Step down slowly, leading with uninvolved leg.



*Stand with involved leg up on step. *Shift weight over knee, stepping up slowly.



*Attach elastic to secure object at ankle level. *Sit in chair, with elastic around ankle of involved leg, pulling heel under.



*Attach elastic to secure object at ankle level.

With elastic around ankle of involved leg, pull leg in, moving inward.



*Attach elastic to secure object at ankle level.

*With elastic around ankle of involved leg, pull leg away, moving outward.



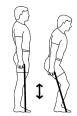
*Attach elastic to secure object at ankle level. *With elastic around ankle of involved leg, pull

forward keeping

knee straight.



*Attach elastic to secure object at ankle level. *With elastic around ankle of involved leg, pull leg backward.



*Place elastic under feet, grasping in both hands. *With feet shoulder width apart, bend to 45 - 90 degrees, and return to starting position.



*Attach elastic to secure object, at knee level. *With elastic around thigh of involved leg, knee bent at 45 degrees, straighten leg, keeping foot on floor.