

# Total Knee Replacement



Name: \_\_\_\_\_

Dr: Benjamin Petre, MD

Date: \_\_\_\_\_

● = Do exercise for that week

**Week**

**ROM RESTRICTIONS**

Full motion

**BRACE SETTINGS**

None

**Weight Bearing status**

As tolerated

**TIME LINES**

Week 1(1-7POD)  
Week 2(8-14POD)  
Week 3(15-21POD)  
Week 4(22-28POD)

<b>Initial Exercises</b>	1	2	3	4	5	6	7	8	9	10	12	16	20	24
Flexion/Extension - wall slides	●	●	●	●	●	●	●	●						
Flexion/Extension – seated	●	●	●	●	●	●	●	●						
Patella/Tendon mobilization	●	●	●	●	●	●	●	●						
Extension mobilization	●	●	●	●	●	●	●	●						
Quad series	●	●	●	●	●	●	●	●						
Hamstring sets	●	●	●	●	●	●	●	●						
Sit and reach for hamstrings (towel)	●	●	●	●	●	●	●	●						
Ankle pumps	●	●	●	●	●	●	●	●	●					
Toe and heel raises		●	●	●	●	●	●	●						
Balance series		●	●	●	●	●	●	●	●	●	●	●	●	●
<b>Cardiovascular Exercises</b>	1	2	3	4	5	6	7	8	9	10	12	16	20	24
Bike/Rowing with well leg	●	●	●	●	●	●	●	●						
Bike with both legs – no resistance			●	●	●	●	●	●	●					
Bike with both legs - resistance							●	●	●	●	●	●	●	●
Aquajogging							●	●	●	●	●	●	●	●
Treadmill – walking 7% incline							●	●	●	●	●	●	●	●
Swimming with fins							●	●	●	●	●	●	●	●
Elliptical trainer									●	●	●	●	●	●
Rowing											●	●	●	●
Stair stepper												●	●	●
<b>Weight Bearing Strength</b>	1	2	3	4	5	6	7	8	9	10	12	16	20	24
Double knee bends							●	●	●	●	●	●	●	
Double leg bridges							●	●	●	●				
Reverse lunge – static hold							●	●	●	●				
Beginning cord exercises							●	●	●	●	●			
Balance squats										●	●	●	●	●
Single leg deadlift										●	●	●	●	●
Leg press										●	●	●	●	●
Sports Test exercises											●	●	●	●
<b>Agility Exercises</b>	1	2	3	4	5	6	7	8	9	10	12	16	20	24
Running progression														
Initial – single plane														
Advance – multi directional														
Functional sports test														
<b>High Level Activities</b>	1	2	3	4	5	6	7	8	9	10	12	16	20	24
Golf												●	●	●
Outdoor biking, hiking, snowshoeing												●	●	●
Skiing, basketball, tennis, football, soccer													●	●