

Back2Front Physiotherapy Back2Front Physiotherapy Ltd

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Exercise plan: Knee Osteoarthritis Exercise Plan Patient: Neil Payne



Sitting Leg Straightener

Sit down on a chair, and place a towel under your thigh. Pull your toes up, tighten the muscles in the front of your thigh (quadriceps muscles), and slowly pull your leg to a straight position. You will feel a stretch to the hamstring at the back of the thigh, and contraction of the quadriceps in the front of the thigh. Hold this stretch, and relax.

Hold for 2, repeat 10 times, rest for 60-90seconds, 3 times daily, 3-5 days per week times weekly, Both sides

Video: https://youtu.be/xw2kw2gWp1Y



1/4 Squat Supported

Hold on to a table or chair for support. Open your legs slightly wider than shoulder width, and bend your knees to the 1/4 squat position. Make sure you keep the middle of your knee-cap in line with the middle toes of your foot. This is a strengthening exercise for the legs.

Hold for 2, repeat 10 times, rest for 60-90seconds, 3 times daily, 3-5 days per week times weekly, Both sides

Video: <u>http://youtu.be/NpKJwz27-JU</u>



Alternate Heel Kicks

Standing, kick the heel towards the bottom of one leg and then go back to your start position, and then repeat with the other leg. Heel kicks are useful for warming up the hamstring muscle group (located at the back of the thigh).

Hold for 2, repeat 10 times, rest for 60-90 seconds, 3 times daily, 3-5days per week times weekly, Both sides

Video: http://youtu.be/wHdwnGiYbps



Leg Swing Side

Swing your leg to one side, and then the other, in a controlled way. If you feel comfortable, you can speed up. This exercise mobilises a stiff hip joint, and is a good dynamic warm up.

Hold for 2, repeat 10 times, rest for 60-90 seconds, 3 times daily, 3-5days times weekly, Both sides

Video: http://youtu.be/4KAS7li6uEM



Adductor Medicine Ball Squeeze Sitting

Sitting down, place a medicine ball between your legs, and squeeze. You will feel a muscle contraction along the inside of your legs and into your groin. This exercise is a strengthening exercise for the adductor muscle group.

Hold for 2, repeat 10 times, rest for 60-90seconds, 3 times daily, 3-5days times weekly

Video: http://youtu.be/Lqsfv0IMpjU

Dear Neil, some exercises may cause some discomfort but shouldn't cause any sharp pains. On a Pain Scale of 0-10 (with 10 being the worst pain you have ever felt), if you experience pain above 5-6/10 please stop the exercise and feel free to contact us for advice. If you have any questions with an exercise, just email us on info@back2frontphysio.com. Good luck and keep with it!

Exercise Diary:



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Sitting Leg Straightener

04. Nov (Week 1)						11. Nov (Week 2)						18. Nov (Week 3)							25. Nov (Week 4)								
F	S	S	Μ	Т	W	Т	F	S	S	М	Т	W	Т	F	S	S	М	Т	W	Т	F	S	S	М	Т	W	Т

02. Dec (Week 5)	09. Dec (Week 6)	16. Dec (Week 7)	23. Dec (Week 8)					
FSSMTWT	FSSMTWT	FSSMTWT	FSSMTWT					

1/4 Squat Supported

04. Nov (Week 1)	11. Nov (Week 2)	18. Nov (Week 3)	25. Nov (Week 4)
FSSMTWT	FSSMTWT	FSSMTWT	FSSMTWT

02. Dec (Week 5)	09. Dec (Week 6)	16. Dec (Week 7)	23. Dec (Week 8)
FSSMTWT	FSSMTWT	FSSMTWT	FSSMTWT

Alternate Heel Kicks

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F	S	S	М	Т	W	Т	F	S	S	М	Т	W	Т	F	S	S	М	Т	W	Т	F	S	S	М	Т	W	Т

C)2.	De	c (V	Vee	ek 5	i)	С	9.	Deo	c (V	Vee	ek 6	5)	1	6.	Deo	c (V	Vee	ek 7	')	2	3.	Deo	c (V	Vee	ek 8	3)
F	S	S	М	Τ	W	Т	F	S	S	М	Т	W	Т	F	S	S	М	Т	W	Т	F	S	S	Μ	Т	W	Τ



Leg Swing Side

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FSSMTWT	FSSMTWT	FSSMTWT	FSSMTWT

02. Dec (Week 5)	09. Dec (Week 6)	16. Dec (Week 7)	23. Dec (Week 8)
F S S M T W T	FSSMTWT	FSSMTWT	FSSMTWT



Adductor Medicine Ball Squeeze Sitting



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FSSMTWT	FSSMTWT	FSSMTWT	FSSMTWT

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FSSMTWT	FSSMTWT	FSSMTWT	FSSMTWT