# **Osteochondral Injury**

# Weeks 1-2

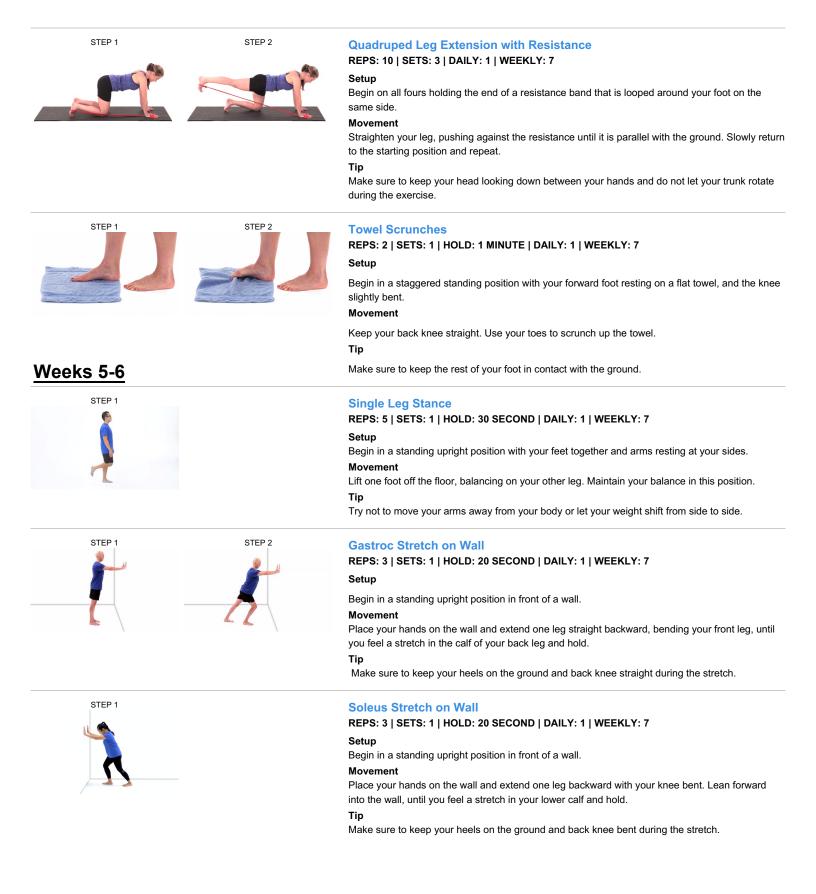


STEP 1 STEP 2	STEP 3	Seated Toe Curl         REPS: 10   SETS: 3   DAILY: 1   WEEKLY: 7         Setup         Begin by sitting upright in a chair with your feet positioned shoulder width apart.         Movement         Gently curl and straighten your toes.         Tip         Make sure to keep the rest of your foot still and do not let it rotate to either side.
STEP 1	STEP 2	Seated March REPS: 10   SETS: 3   DAILY: 1   WEEKLY: 7 Setup Begin sitting upright in a chair with your feet flat on the floor. Movement Keeping your knee bent, lift one leg then lower it back to the ground and repeat with your other leg. Continue this movement, alternating between each leg. Tip Make sure to keep your back straight and do not let it arch as you lift your legs.
STEP 1	STEP 2	Supine Knee Extension Strengthening         REPS: 10   SETS: 3   DAILY: 1   WEEKLY: 7         Setup         Begin lying on your back with one knee bent and the other resting on a ball.         Movement         Straighten your knee by contracting your thigh muscles, keeping the back of your knee on the ball.         Tip         Make sure not to arch your back during the exercise.
STEP 1	STEP 2	Seated Long Arc Quad REPS: 10   SETS: 3   DAILY: 1   WEEKLY: 7 Setup Begin sitting upright in a chair. Movement Slowly straighten one knee so that your leg is straight out in front of you. Hold, and then return to starting position and repeat. Tip Make sure to keep your back straight during the exercise.
STEP 1	STEP 2	Bridge with Arms at Sides and Feet on Swiss Ball REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7 Setup Lie on your back with your feet resting on a swiss ball and your arms positioned next to your body, palms facing down. Movement Lift your bottom off the floor until your body is straight. Tip Do not allow your back to arch.

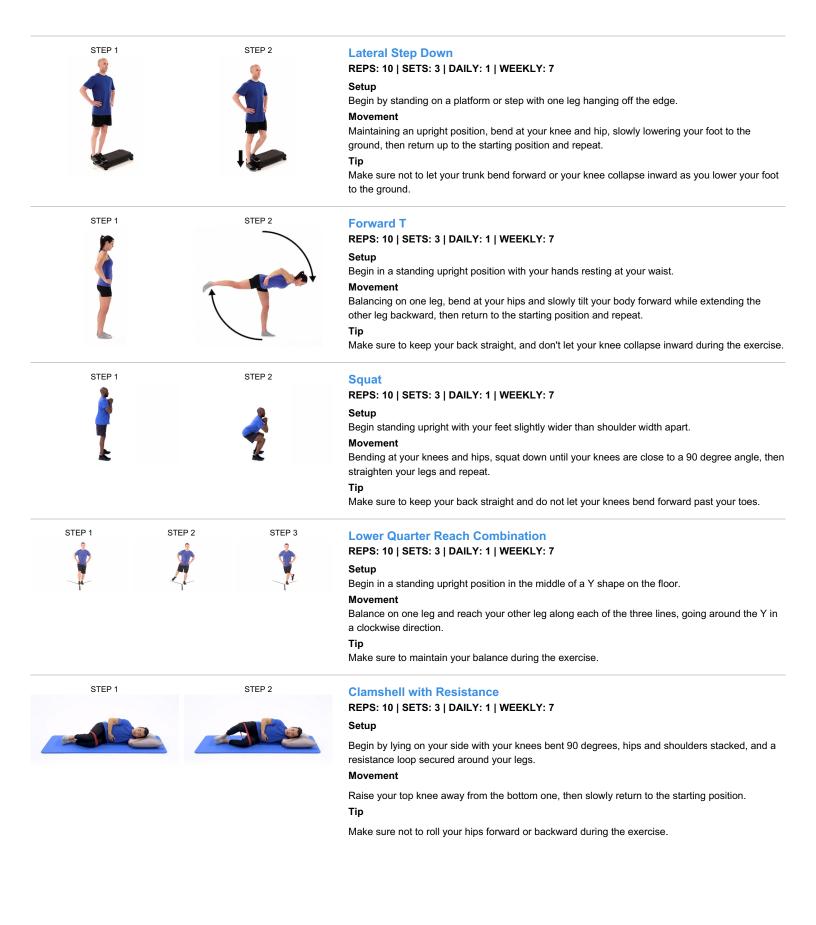
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STEP 1	STEP 2	Plank with Thighs on Swiss Ball REPS: 5   SETS: 1   HOLD: 30 SECOND   DAILY: 1   WEEKLY: 7 Setup
		Begin lying with your trunk resting on a swiss ball and your hands on the floor. <b>Movement</b>
	-	Slowly walk your hands forward, straightening your legs and moving into a plank position until the ball reaches you knees. Hold this position, keeping your abdominals tight.
Weeks 3-4		<b>Tip</b> Make sure to keep your back straight during the exercise. Do not let your hips fall toward the floo
STEP 1	STEP 2	Ankle Dorsiflexion with Resistance
		REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7 Setup
		Begin sitting tall on the ground with one knee bent and the other leg straight with a band looped
		around the top of your foot. The band should be anchored near the floor in front of you.  Movement
		Bend your foot up against the band, raising your toes towards the ceiling.
		<b>Tip</b> Make sure to only move at your ankle and try to keep your knee still.
STEP 1	STEP 2	Ankle and Toe Plantarflexion with Resistance
		REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7 Setup
		Begin sitting upright on the floor with one knee bent, and your other leg straight with a resistance
		band around your foot and toes, holding the ends in each hand. Movement
		Bend your foot away from your body and curl your toes downward. Relax, then repeat.
		<b>Tip</b> Make sure to keep your back straight during the exercise.
STEP 1	STEP 2	Ankle Inversion with Resistance
		REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7
		Setup Begin sitting tall on the ground with one knee bent and the other leg straight with a band looped
	S	around the ball of your foot. The band should be anchored near the floor out to the same side of your leg.
		Movement
		Pull your foot inward against the band. Slowly return to the starting position and repeat. Tip
		Make sure to only move at your ankle and try to keep your knee still.
STEP 1	STEP 2	Ankle Eversion with Resistance
		REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7
		Setup Begin sitting tall on the ground with one knee bent and the other leg straight with a band looped
		around the ball of your foot. The band should be anchored near the floor out to the opposite side of your leg.
		Movement
		Pull your foot outward against the band. Slowly return to the starting position and repeat.
		<b>Tip</b> Make sure to only move at your ankle and try to keep your knee still.

STEP 1	STEP 2	Supine Active Straight Leg Raise REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7
•		Setup
		Begin lying on your back with one knee bent and your other leg straight.
		<b>Movement</b> Engaging your thigh muscles, slowly lift your straight leg until it is parallel with your other thig
		then lower it back to the starting position and repeat.
		<b>Tip</b> Make sure to keep your leg straight and do not let your back arch during the exercise.
STEP 1	STEP 2	Prone Hip Extension
		REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7
		Setup Begin by lying on your stomach with both legs stretched straight behind you. Movement
		Slowly lift one leg upward as far as you can without arching your low back, then lower it bac the starting position.
		Тір
		Make sure to keep your knee straight and trunk steady during the exercise.
STEP 1	STEP 2	Sidelying Hip Abduction REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7
		Setup Regin lying on your side with your ten log straight and your bettem log bent
		Begin lying on your side with your top leg straight and your bottom leg bent. Movement
		Lift your top leg up toward the ceiling, then slowly lower it back down and repeat.
		Тір
		Make sure to keep your leg straight and do not let your hips roll backward or forward during exercise.
STEP 1	STEP 2	Sidelying Hip Adduction
		REPS: 10   SETS: 2   DAILY: 1   WEEKLY: 7
		Setup Begin by lying on your side with one knee bent and your foot resting in front of your other lea
		Movement
		Slowly lift your straight leg towards the ceiling, then lower it back to the starting position.
		<b>Tip</b> Do not let your hips roll backward or forward during the exercise.
STEP 1	STEP 2	
0.2. 1		Supine Hip Flexion with Resistance Loop REPS: 10   SETS: 3   DAILY: 1   WEEKLY: 7
		Setup
		Begin lying on your back with a resistance band looped around your feet. Movement
		Tighten your abdominals, then slowly pull your knee toward your chest, pulling against the
		resistance band. Return to the starting position and repeat.
		<b>Tip</b> Make sure to keep your hips level on the ground and do not arch your back during the exerc
STEP 1	STEP 2	Quadruped Fire Hydrant
		REPS: 10   SETS: 3   DAILY: 1   WEEKLY: 7
TTERA		Setup Regin on all fours with your bands under your shoulders and your knoos under your bins
		Begin on all fours with your hands under your shoulders and your knees under your hips. Movement
200	Star	Lift your leg out to your side, keeping your knee bent, then return to the starting position and repeat.
		Tip
		Make sure to engage your core and do not let your hips rotate or drop to either side.







# Weeks 7-8

STEP 1

STEP 1



STEP 2

STEP 2

# Single-Leg Quarter Squat

### REPS: 10 | SETS: 3 | DAILY: 1 | WEEKLY: 7

### Setup

Begin in a standing upright position. Lift one foot off the ground.

#### Movement

Bend slightly at your knee and hip into a mini squat position, then straighten your leg and repeat. **Tip** 

Make sure to keep your back straight during the exercise and maintain your balance. Your knee should not move forward past your toes.

# **Standing Heel Raise**

REPS: 10 | SETS: 3 | DAILY: 1 | WEEKLY: 7

### Setup

Begin in a standing upright position with your feet shoulder width apart.

# Movement

Slowly raise both heels off the ground at the same time, then lower them down to the floor.

# Тір

Make sure to keep your upper body still and avoid gripping with your toes.



# Lateral Lunge

REPS: 10 | SETS: 3 | DAILY: 1 | WEEKLY: 7

Setup

Begin in a standing upright position with your feet shoulder width apart and arms resting at your side.

#### Movement

Step to the side with one leg, lowering your body into a lunge position, then carefully return to the starting position.

### Tip

Make sure not to let your knees collapse inward during the exercise.

# Crossover Step Up with Knee Drive

REPS: 10 | SETS: 3 | DAILY: 1 | WEEKLY: 7

## Setup

Begin in a standing upright position to the side of a step or bench.

# Movement

ement

Step your outside foot across your body and onto the step, then shift your weight to stand on the step as you lift your opposite leg up towards your chest. Reverse the movement, and repeat.

### Тір

Make sure to keep your trunk and pelvis facing forward during the exercise. Focus on activating your buttock muscles as you step onto the step.



### Single Leg Bridge

REPS: 10 | SETS: 3 | DAILY: 1 | WEEKLY: 7

#### Setup

Begin lying on your back with both knees bent and your feet resting on the floor.

#### Movement

Straighten one leg, keeping it in line with your other leg, then tighten your abdominals and lift your hips off the floor into a bridge position. Then lower yourself back down, and repeat.

### Tip

Make sure to keep your abdominals tight and do not let your hips rotate during the exercise.



STEP 1







### **Standard Plank**

### REPS: 5 | SETS: 1 | HOLD: 30 SECOND | DAILY: 1 | WEEKLY: 7

# Setup

Begin lying on your front, propped up on your elbows.

### Movement

Engage your abdominal muscles and lift your hips and legs up into a plank position, keeping your elbows directly under your shoulders. Hold this position.

## Тір

Make sure to keep your back straight and maintain a gentle chin tuck during the exercise.

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