# Hallux Rigidus

# Weeks 1-2







## **Seated Ankle Pumps**

REPS: 10 | SETS: 2 | DAILY: 1 | WEEKLY: 7

#### Setup

Begin sitting upright with one leg straight forward.

#### Movement

Slowly pump your ankle, bending your foot up toward your body, then pointing your toes away from your body, and repeat.

## Tip

Make sure to move your foot in a straight line and try to keep the rest of your leg relaxed.





## **Supine Hamstring Stretch**

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

#### Setup

Begin lying on your back with one leg straight and the other leg bent.

#### Movement

Bring your knee toward your chest and grab the back of your thigh with both hands. Slowly straighten your knee until you feel a stretch in the back of your thigh and hold.

#### Tip

Make sure to keep your back flat on the floor during the stretch.



## **Seated Calf Towel Stretch**

REPS: 3 | SETS: 1 | HOLD: 20 SECONDS | DAILY: 1 | WEEKLY: 7

Make sure the towel is placed on the arch and not the toe. The toes should not be pulled towards the face.

#### Setup

Begin sitting tall on the floor with your leg straight in front of you, holding a towel that is looped around the bottom of your foot.

#### Movement

Gently pull the towel towards your body until you feel a stretch in the back of your calf. Hold this position.

## Tip

Be sure to keep your leg straight and do not let your knee bend.





## **Bridge with Arms at Sides and Feet on Swiss Ball**

REPS: 10 | SETS: 2 | DAILY: 1 | WEEKLY: 7

You can use the couch or a chair instead of a ball.

## 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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## **Plank with Thighs on Swiss Ball**

REPS: 5 | SETS: 1 | HOLD: 15-30 SECOND | DAILY: 1 | WEEKLY: 7

You can use a bench or a bed instead of a ball.

#### Setup

Begin lying with your trunk resting on a swiss ball and your hands on the floor.

#### Movement

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.

#### Tip

Make sure to keep your back straight during the exercise. Do not let your hips fall toward the floor.

# Weeks 3-4



STEP 1



STEP 2

## **Ankle Dorsiflexion with Resistance**

REPS: 10 | SETS: 3 | 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.

#### Tip

Make sure to only move at your ankle and try to keep your knee still.





## **Ankle Inversion with Resistance**

REPS: 10 | SETS: 3 | 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 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.





#### **Ankle Eversion with Resistance**

REPS: 10 | SETS: 3 | 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.

#### Tip

Make sure to only move at your ankle and try to keep your knee still.





#### **Ankle and Toe Plantarflexion with Resistance**

REPS: 10 | SETS: 3 | 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.

#### Tip

Make sure to keep your back straight during the exercise.



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## **Active Straight Leg Raise with Quad Set**

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

#### Setup

Begin lying on your back with one knee bent and your other leg straight

#### Movement

Squeeze the thigh muscles in your straight leg and flex your foot, then slowly lift your leg until it is parallel with your other thigh. Lower your leg back to the starting position and repeat.

#### Tip

Make sure to keep your back flat against the floor during the exercise.

STEP 1

STEP 2

## **Prone Hip Extension with Plantarflexion**

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

#### Setup

Begin lying on your front with your forehead resting on a towel roll and both legs straight.

#### Mayamant

Slowly lift one leg, hold, then return to the starting position and repeat.

#### Tip

Make sure to keep your leg straight and focus on engaging your buttock muscles during the exercise. Do not let your back arch or your hips rotate side to side.

STEP 1

STEP 2

## **Sidelying Hip Abduction**

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

#### Setup

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.

#### qiT

Make sure to keep your leg straight and do not let your hips roll backward or forward during the exercise.





#### **Sidelying Hip Adduction**

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

#### Setup

Begin by lying on your side with one knee bent and your foot resting in front of your other leg.

#### Movement

Slowly lift your straight leg towards the ceiling, then lower it back to the starting position.

#### Tip

Do not let your hips roll backward or forward during the exercise.

STEP 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.

#### Tip

Make sure to keep your hips level on the ground and do not arch your back during the exercise.





## **Stride Stance Weight Shift**

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

#### Setup

Begin in a standing upright position with one foot forward and your other foot back, holding onto a stable object at your side for support.

## Movement

Shift your weight to your forward foot, then to your back foot. Repeat.

#### Tip

Make sure to keep a slight bend in your knees as you shift your weight.



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STEP 2

## **Seated Toe Towel Scrunches**

REPS: 5 | SETS: 2 | DAILY: 1 | WEEKLY: 7

#### Setup

Begin sitting upright with one foot resting on a flat towel.

#### Movement

Spread out your toes, then scrunch the towel with your toes, and repeat.

## Tip

Make sure to keep the rest of your foot in contact with the ground during the exercise.

# <u>Weeks 5-6</u>



## **Single Leg Stance**

REPS: 5 | SETS: 1 | HOLD: 20 SECOND | DAILY: 1 | WEEKLY: 7

#### Setun

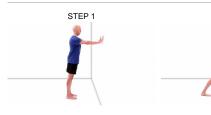
Begin in a standing upright position with your feet together and arms resting at your sides.

#### Movement

Lift one foot off the floor, balancing on your other leg. Maintain your balance in this position.

## Tip

Try not to move your arms away from your body or let your weight shift from side to side.



#### **Gastroc Stretch on Wall**

REPS: 3 | SETS: 1 | HOLD: 20 SECOND | DAILY: 1 | WEEKLY: 7

#### Setur

Begin in a standing upright position in front of a wall.

#### Movement

Place your hands on the wall and extend one leg straight backward, bending your front leg, until you feel a stretch in the calf of your back leg and hold.

#### Tip

Make sure to keep your heels on the ground and back knee straight during the stretch.



#### **Soleus Stretch on Wall**

REPS: 3 | SETS: 1 | HOLD: 20 SECOND | DAILY: 1 | WEEKLY: 7

#### Setup

Begin in a standing upright position in front of a wall.

#### Movement

Place your hands on the wall and extend one leg backward with your knee bent. Lean forward into the wall, until you feel a stretch in your lower calf and hold.

#### Tip

Make sure to keep your heels on the ground and back knee bent during the stretch.





# **Lateral Step Down**

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

#### Setup

Begin by standing on a platform or step with one leg hanging off the edge.

#### Movement

Maintaining an upright position, bend at your knee and hip, slowly lowering your foot to the ground, then return up to the starting position and repeat.

#### Tip

Make sure not to let your trunk bend forward or your knee collapse inward as you lower your foot to the ground.





## **Forward T**

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

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#### Setup

Begin in a standing upright position with your hands resting at your waist.

#### Movement

Balancing on one leg, bend at your hips and slowly tilt your body forward while extending the other leg backward, then return to the starting position and repeat.

## Tip

Make sure to keep your back straight, and don't let your knee collapse inward during the exercise.







STEP 2

## Squat

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

#### Setup

Begin standing upright with your feet slightly wider than shoulder width apart.

#### Movement

Bending at your knees and hips, squat down until your knees are close to a 90 degree angle, then straighten your legs and repeat.

#### Tip

Make sure to keep your back straight and do not let your knees bend forward past your toes.







## **Lower Quarter Reach Combination**

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

#### Setup

Begin in a standing upright position in the middle of a Y shape on the floor.

#### Movement

Balance on one leg and reach your other leg along each of the three lines, going around the Y in a clockwise direction.

#### Tip

Make sure to maintain your balance during the exercise.

# Weeks 7-8





## **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 with Support**

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

#### Setup

Begin in a standing upright position holding onto a stable surface in front of you for support.

#### Movement

Slowly raise the your heels off the ground as far as you can, then lower them back to the floor and repeat.

## Tip

Make sure to keep the balls of your feet on the ground and maintain your balance during the exercise.







STEP 3

#### **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.



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STEP 1



STEP 2



## **Crossover Step Up with Knee Drive**

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

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

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.

## Tip

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.

STEP 1

STEP 2



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

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

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.

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





