Stress Fracture of Tibia

Weeks 1-2





Seated Toe Curl

REPS: 10 | SETS: 1 | 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.





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.





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

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.

Weeks 3-4





Seated Ankle Pumps

REPS: 10 | SETS: 3 | 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.



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STEP 1 STEP 2



STEP 2

Supine Active Straight Leg Raise

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

Setup

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

Movement

Engaging your thigh muscles, slowly lift your straight leg until it is parallel with your other thigh, then lower it back to the starting position and repeat.

Tip

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: 3 | 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 back to the starting position.

Tip

Make sure to keep your knee straight and trunk steady during the exercise.

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.

Tip

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.

Пр

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

STEP 1 STEP 2

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.



STEP 1



Quadruped Fire Hydrant

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

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Setup

Begin on all fours with your hands under your shoulders and your knees under your hips.

Movement

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.



STEP 1 STEP 2



STEP 1



Quadruped Hip Extension Kicks

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

Setup

Begin on all fours with your hands under your shoulders and your knees under your hips.

Movement

Lift one knee off the ground, keeping your knee bent, and push your foot toward the ceiling. Relax, then repeat this movement.

Tip

Make sure to engage your core and do not let your hips rotate or drop to either side.

<u>Weeks 5-6</u>





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.

Tip

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

STEP 1



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.

Tip

Make sure to keep your back straight during the exercise.





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 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: 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.

Tip

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



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Stride Stance Weight Shift

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

Setun

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.



Towel Scrunches

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

Setup

Begin in a staggered standing position with your forward foot resting on a flat towel, and the knee slightly bent.

Movement

Keep your back knee straight. Use your toes to scrunch up the towel.

Tip

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



Single Leg Stance

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

Setup

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.





Long Sitting Calf Stretch with Strap

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

Setup

Begin sitting on the floor with one foot stretched in front of you, your other knee bent, and a strap secured around your foot.

Movement

Slowly pull your foot towards you with the strap until you feel a stretch in your calf.

Tip

Make sure to keep your knee straight during the stretch.





Gastroc 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 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.



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Weeks 7-8





Lateral Step Down

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

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

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.

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







STEP 2

Single-Leg Romanian Deadlift With Dumbbell

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

Begin standing upright with one hand grasping a dumbbell and your other hand resting at your waist.

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

Tip

Make sure to keep your back straight. Do not let your knee collapse inward during the exercise. Keep your elbow on the dumbbell side relaxed throughout the exercise.







STEP 2

Squat

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

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

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.

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.







STEP 2

Band Walks

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

Begin standing upright with a resistance band looped around your ankles. Bend your knees slightly so you are in a mini squat position.

Movement

Slowly walk forward, one foot at a time.

Make sure to maintain constant tension in the band and keep your toes pointing forward. Do not drag your feet on the ground or let your knees collapse inward during the exercise.



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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.





Single Leg Heel Raise

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

Setup

Begin standing tall, holding onto a stationary object in front of you.

Movement

Lift one foot off the ground and balance on one leg. On your stance leg, lift your heel and raise up onto your toes, then lower back down and repeat.

Tip

Make sure to keep your balance and do not let your heel roll to either side.







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.