

“

IN PROFESSIONAL ICE
HOCKEY AND SOCCER
PLAYERS THROUGHOUT
THE WORLD,
APPROXIMATELY 10%
TO 11% OF ALL
INJURIES ARE GROIN
STRAINS

”



Contact us

Groin strains can occur due to sport or injury. We can help you recover!

NORTH

Pursuit of Motion Physiotherapy
#202, 13613 163 St. NW
Edmonton, AB T5V 0B5

WEST

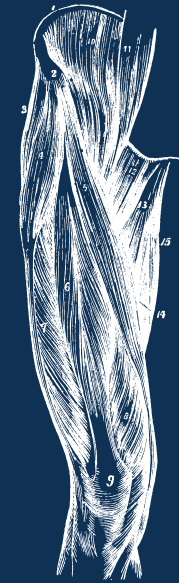
Pursuit of Performance
10541 170 St. NW
Edmonton, AB T5P 4W2

Phone: 780-448-4991

Fax: 780-448-4985

info@pursuitofmotion.com

www.pursuitofmotion.com



Groin Strain

Groin strains are injury to the adductor, hip flexor or abdominal muscles found along the inside of the thigh and into the groin. These injuries commonly occur in soccer and ice hockey, but can happen due to various activities.

ABOUT GROIN STRAINS

HISTORY

Groin strains involve injury to the adductor, hip flexor or abdominal muscles of the hip. Causes include:

- Blunt trauma (getting hit)
- Forceful contraction (ex. kicking)
- Microtrauma (ex. repetitive injury)

SIGNS & SYMPTOMS

Grade 1

- No loss of function or strength
- Pain in groin area with activity
- Swelling and/or tenderness

Grade 2

- Some weakness.
- Pain in groin area with activity
- Swelling and/or tenderness
- Bruising

Grade 3

- Complete muscle tear
- Complete functional loss
- Pain in groin area
- Bunching and/or retraction of torn muscle fibers

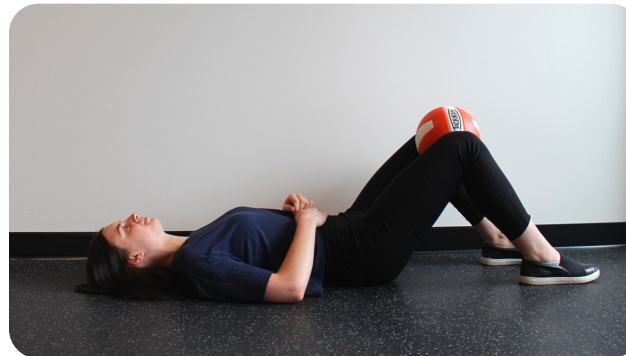
ANATOMY

The adductor muscles are found on the inside of the thigh and are comprised of 6 muscles. All the adductor muscles originate on the pubic bone, and the adductor longus is the most commonly injured adductor muscle in sport.



1) Pain Management

After the initial injury, utilize the **RICE** principle to assist with initial healing. This involves **Rest, Ice, Compression, and Elevation**. Nonsteroidal anti-inflammatory drugs may also be taken during this time to manage pain and reduce swelling.



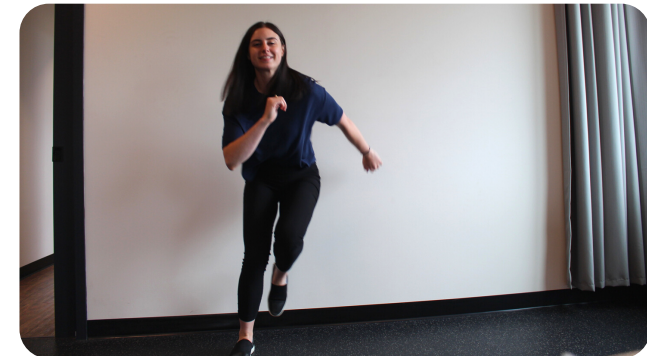
3) Strength

Ball squeezes are performed by laying on your back and placing a ball between your knees. Plant your feet on the floor and keep your knees and feet inline with your hips (not going inward or outward). Squeeze your knees into the ball and hold for 5 to 10 seconds. From there, relax but hold the ball between your thighs. Repeat for 3 sets for up to 10 reps.



2) Mobility

To perform **adductor lunge stretch**, kneel on one knee while extending the other leg to the side and placing both hands on the floor in front of you. Try to straighten the right knee and lean your body forward while relaxing your hips. Gently rock your hips forward and back to adjust the intensity and targeted muscles. Perform 3 times on each side for 30 seconds.



4) Functional/Sport

Once previous stages are managed, you can progress to sport and functional activities such as **skater jumps**. Begin by standing on one foot in a slight lunge, then jump laterally to the opposite leg, landing softly with a slight bend. Repeat to the opposite side. Repeat this action swiftly for 3 sets until you become fatigued.