

foam roller exercises for runners

The Runner's Essential Companion: Comprehensive Foam Roller Exercises for Peak Performance

foam roller exercises for runners are a cornerstone of modern training, offering a simple yet profoundly effective method for enhancing recovery, preventing injuries, and ultimately, improving running performance. This article delves deep into the world of self-myofascial release, exploring targeted foam roller techniques designed to address the specific muscle groups most impacted by the demands of running. We will cover essential techniques for the major muscle groups, from the quads and hamstrings to the calves and hips, detailing proper form and frequency for optimal results. Furthermore, we will discuss the benefits of incorporating foam rolling into a regular running routine, highlighting how it can alleviate soreness, increase flexibility, and prepare your body for the next stride.

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Why Foam Rolling is Crucial for Runners

Running is a high-impact activity that places significant stress on a runner's musculoskeletal system. Over time, this repetitive motion can lead to muscle tightness, trigger points (knots), and reduced range of motion, all of which can hinder performance and increase the risk of injury. Foam rolling, a form of self-myofascial release, acts as a powerful tool to combat these effects. By applying pressure to specific points on the body, runners can effectively release tension, break down adhesions, and improve blood flow to the muscles. This manual therapy technique, often referred to as "self-massage," is not just a recovery tool but a proactive measure for maintaining healthy, resilient running muscles.

The concept behind foam rolling is to mimic the effects of deep tissue massage. When muscles become overworked or stressed, they can develop knots or adhesions that restrict movement and cause pain. A foam roller, essentially a dense cylinder, allows you to apply sustained pressure to these tight spots. This pressure helps to lengthen muscle fibers, improve elasticity, and restore normal muscle function. For runners, this translates to more efficient strides, reduced fatigue, and a significantly lower chance of experiencing common running-related ailments like plantar fasciitis, shin splints, and runner's knee.

Key Benefits of Foam Rolling for Runners

The advantages of integrating foam roller exercises for runners into their training regimen are manifold and impactful. Beyond simple muscle relaxation, consistent foam rolling contributes to a more robust and enduring running experience. It is a proactive approach to self-care that pays dividends in reduced downtime and enhanced athletic output. Understanding these benefits is the first step towards making foam rolling an indispensable part of your running journey.

Enhanced Muscle Recovery and Reduced Soreness

One of the most immediate and appreciated benefits of foam rolling is its ability to expedite muscle recovery. After a strenuous run, muscles often experience micro-tears and inflammation, leading to the dreaded delayed onset muscle soreness (DOMS). Foam rolling helps to increase blood flow to these damaged tissues, delivering much-needed oxygen and nutrients while also facilitating the removal of metabolic waste products like lactic acid. This accelerated recovery means you can return to your training with less discomfort and improved readiness for subsequent workouts.

Improved Flexibility and Range of Motion

Tight muscles can restrict a runner's natural gait and movement patterns, leading to inefficiencies and compensatory injuries. Foam rolling effectively targets adhesions and knots within the fascia, the connective tissue that surrounds muscles. By releasing this tension, the muscles become more pliable, allowing for a greater range of motion at the joints. This enhanced flexibility can improve stride length, promote a more fluid running form, and

reduce the strain placed on joints like the knees and hips.

Injury Prevention

Many common running injuries stem from muscle imbalances, chronic tightness, and reduced flexibility. By regularly addressing these issues with foam roller exercises for runners, you can proactively prevent them from escalating into serious problems. For instance, tight hamstrings can pull on the pelvis, contributing to lower back pain, while tight calves can exacerbate issues like Achilles tendinitis. Consistent foam rolling helps to keep these muscle groups supple and balanced, creating a more resilient body that is less susceptible to injury.

Better Posture and Body Alignment

Running biomechanics are heavily influenced by overall body alignment. Muscles that are consistently tight can pull the body out of optimal alignment, leading to inefficient movement patterns and increased stress on certain areas. Foam rolling helps to release tension in key areas such as the hips, glutes, and quadriceps, which can significantly improve pelvic alignment and core stability. This improved posture translates to a more efficient and powerful running form.

Essential Foam Roller Exercises for Runners

Targeting specific muscle groups with the foam roller is key to maximizing its benefits for runners. Each exercise requires a slightly different approach to effectively address the unique demands placed on these muscles during running. Mastering these techniques will form the backbone of your foam rolling routine.

Quadriceps (Quads)

The quadriceps are heavily engaged during the push-off phase of each stride and absorb impact during landing. Tight quads can lead to knee pain and hip flexor issues. To roll the quads, lie face down with the foam roller positioned horizontally beneath your thighs. Support yourself on your forearms. Slowly roll your body forward and backward, covering the entire length of your quadriceps from just above the knee to the hip flexor. If you find a particularly tender spot, hold pressure on it for 20-30 seconds until you feel the tension release. You can also cross one leg over the other to apply more targeted pressure.

Hamstrings

The hamstrings work in conjunction with the glutes to propel you forward and control leg extension. Tight hamstrings can lead to lower back pain and reduced stride efficiency. Sit on the floor with your legs extended and place the foam roller beneath your hamstrings. Use your hands for support and slowly roll from the back of your knees up to your glutes. Similar to the

quads, linger on any tender spots. For deeper pressure, you can lift one leg and cross it over the other, allowing your body weight to focus the pressure on the hamstring of the supporting leg.

Calves (Gastrocnemius and Soleus)

Your calf muscles are crucial for the toe-off phase of running and are often tight, contributing to issues like plantar fasciitis and Achilles tendinitis. Sit on the floor with your legs extended and place the foam roller beneath your calves. Use your hands behind you for support. Lift your hips off the ground and slowly roll from just above your ankles to just below your knees. To increase the intensity, cross one leg over the other or flex and extend your foot while applying pressure to a specific spot.

Glutes

The gluteal muscles are primary power generators in running, but they can become tight and inhibited, leading to poor hip extension and lower back discomfort. Sit on the foam roller with your knees bent and feet flat on the floor. Place the roller under one glute. You can lean to one side, shifting your weight onto the roller. To increase pressure, you can cross the ankle of the side you are rolling over the opposite knee, creating a figure-four position. Roll slowly, exploring the entire glute area, holding on tender spots.

IT Band (Iliotibial Band)

The iliotibial band is a thick band of fibrous tissue that runs down the outside of the thigh. While it's not a muscle and therefore cannot be "rolled" in the same way, foam rolling the muscles that attach to it, particularly the TFL (tensor fasciae latae) and gluteus maximus, can help alleviate IT band pain. Lie on your side with the foam roller positioned under your outer thigh, just below your hip bone. Support yourself on your forearm and hand. Slowly roll down your outer thigh, stopping before you reach your knee. This area can be quite sensitive; avoid rolling directly over the bony prominences of your hip and knee. Focus on the fleshy part of the muscle.

Hip Flexors

Tight hip flexors can limit hip extension, leading to a reduced stride and lower back pain. Lie face down with the foam roller positioned horizontally just below your hip bone, on the front of your hip. You can support yourself on your forearms. Slowly roll downwards along the front of your hip and the top of your thigh. To intensify the pressure, you can slightly angle your leg inward or outward. Be mindful of avoiding direct pressure on the bony hip joint itself.

Adductors (Inner Thighs)

The adductors, or inner thigh muscles, can become tight from running, affecting stride length and potentially contributing to groin pain. Lie on

your stomach and bend one knee outwards to a 90-degree angle, with your foot pointing forward. Place the foam roller under your bent thigh, on the inner aspect. Support yourself on your forearms. Slowly roll from your groin area down towards your knee. You can adjust the angle of your leg to target different parts of the adductor group. This area can be sensitive, so proceed with care and moderate pressure.

How to Incorporate Foam Rolling into Your Running Routine

Integrating foam roller exercises for runners effectively requires a strategic approach to maximize its benefits without causing harm or interfering with your training schedule. Consistency is paramount, and understanding when to roll is as important as knowing how to roll.

Pre-Run (Dynamic Warm-up)

While static stretching is generally discouraged before running, dynamic foam rolling can be beneficial as part of a warm-up. Focus on rolling larger muscle groups like the quads, hamstrings, and calves for a shorter duration, around 30-60 seconds per muscle group. The goal here is to increase blood flow and activate the muscles, preparing them for the demands of running. Avoid holding pressure on any single spot for too long; the movement should be fluid and dynamic.

Post-Run (Static Recovery)

This is arguably the most common and beneficial time to foam roll. After your run, when your muscles are warm, spend 5-10 minutes on static foam rolling. Focus on any areas that feel particularly tight or sore. Hold pressure on tender spots for 20-30 seconds, allowing the muscle to relax. This post-run session is crucial for aiding recovery, reducing inflammation, and improving flexibility. Targeting all the major muscle groups involved in running is recommended.

On Rest Days

Rest days are an excellent opportunity for deeper, more thorough foam rolling sessions. You can spend more time on each muscle group and explore any areas of persistent tightness or discomfort. This can be a longer, more relaxed session where you focus on releasing stubborn knots and improving overall muscle health. Consider dedicating 15-20 minutes to rolling on your rest days to promote ongoing recovery and muscle maintenance.

Tips for Effective Foam Rolling

To get the most out of your foam rolling sessions, consider these practical tips. They will help ensure you are using the tool correctly and safely,

leading to optimal results and a reduced risk of discomfort.

- **Listen to your body:** Pain is a signal. While some discomfort is expected when targeting tight spots, sharp or unbearable pain indicates you should ease up or move to a different area.
- **Breathe deeply:** Conscious, deep breathing helps to relax your muscles and nervous system, making the rolling process more effective and less stressful.
- **Slow and steady wins the race:** Roll slowly, allowing the foam roller time to work on the muscle tissue. Rushing through the exercises will not yield the same benefits.
- **Hold on tender spots:** When you encounter a knot or a particularly tight area, pause and hold steady pressure for 20-30 seconds, or until you feel a release in tension.
- **Focus on muscles, not bones:** Avoid rolling directly over bony prominences such as your kneecaps, hip bones, or elbows, as this can cause irritation or injury.
- **Stay hydrated:** Drinking plenty of water before and after foam rolling can aid in flushing out toxins and supporting muscle recovery.

When to Foam Roll

The timing of your foam rolling sessions can significantly impact their effectiveness. Understanding when to apply this self-care technique ensures it complements your running training rather than hindering it.

Before Running

As mentioned, a brief, dynamic rolling session can serve as part of a pre-run warm-up. This involves moving smoothly over the muscles for a shorter duration, aiming to increase blood flow and muscle activation. It's about preparing the body for movement, not deep tissue release. Think of it as waking up your muscles.

After Running

This is the prime time for static foam rolling. Following your run, your muscles are warm and more receptive to release. This is when you can focus on alleviating soreness, reducing inflammation, and improving flexibility. Dedicate more time to these sessions to address any tightness that accumulated during your run.

On Rest Days

Rest days are ideal for deeper, more therapeutic foam rolling. You can afford to spend more time on each muscle group and work through persistent knots or areas of chronic tightness without the immediate pressure of an upcoming run. This proactive approach to muscle maintenance is key for long-term injury prevention and performance enhancement.

Common Mistakes to Avoid

While foam rolling is generally safe, certain common mistakes can diminish its effectiveness or even lead to discomfort. Being aware of these pitfalls can help you refine your technique and maximize the benefits of foam roller exercises for runners.

- **Rolling too quickly:** As mentioned, speed is the enemy of effective foam rolling. Slow, deliberate movements allow the roller to penetrate the muscle tissue and release tension.
- **Ignoring pain:** While some discomfort is normal, pushing through sharp or intense pain can cause bruising or further muscle damage. Learn to differentiate between discomfort and pain.
- **Focusing only on the sensation:** The goal of foam rolling is to address muscle tightness and trigger points, not just to feel a sensation. Be precise with your movements and target the affected areas.
- **Rolling over joints or bones:** Direct pressure on joints and bones can cause irritation and injury. Always keep the roller on the soft tissue of your muscles.
- **Not breathing properly:** Holding your breath or shallow breathing tenses the body, counteracting the relaxation benefits of foam rolling. Focus on deep, diaphragmatic breaths.
- **Rolling the lower back:** The lower back lacks the muscle mass to adequately protect the spine from direct pressure. It's safer to target the glutes and hip flexors, which can indirectly affect lower back tension.
- **Over-reliance on foam rolling alone:** Foam rolling is a complementary tool. It should be used in conjunction with proper training, stretching, nutrition, and rest for optimal results.

By diligently incorporating these targeted foam roller exercises for runners into your routine, you are investing in your body's ability to perform optimally and stay injury-free. Consistent practice, coupled with a mindful approach to your body's signals, will pave the way for stronger, more resilient, and more enjoyable runs.

FAQ

Q: How often should a runner foam roll?

A: For most runners, foam rolling 3-5 times per week is a good target. You can perform short sessions before runs and more extensive sessions after runs or on rest days. Consistency is more important than intensity.

Q: Can foam rolling really prevent injuries?

A: Yes, by addressing muscle tightness, improving flexibility, and enhancing recovery, foam rolling can significantly reduce the risk of many common running injuries like shin splints, plantar fasciitis, and runner's knee. It helps maintain muscle balance and proper biomechanics.

Q: What is the difference between a firm and a soft foam roller?

A: A firmer foam roller provides deeper pressure and is generally more effective for experienced users or those with significant muscle tightness. A softer roller offers a gentler massage, making it a better choice for beginners or those new to foam rolling to avoid excessive discomfort.

Q: Should I feel pain when foam rolling?

A: You should feel some discomfort or a "good hurt" sensation when you hit a tight spot, but it should not be sharp, intense, or unbearable pain. If you experience severe pain, ease off the pressure or move to a different area.

Q: How long should I hold pressure on a tight spot when foam rolling?

A: When you find a particularly tight or tender spot, hold steady pressure on it for 20-30 seconds, or until you feel the tension begin to release. Avoid prolonged pressure that causes significant pain.

Q: Can foam rolling help with muscle cramps?

A: Foam rolling can sometimes help alleviate muscle cramps by increasing blood flow and releasing muscle tension. However, persistent or severe cramping may indicate underlying issues that require medical attention.

Q: Are there any muscle groups runners should avoid foam rolling?

A: It is generally advised to avoid rolling directly over the bony structures of the spine, particularly the lower back, as this can put excessive pressure on the vertebrae. Also, avoid rolling directly over joints like the knee or elbow.

Q: How does foam rolling compare to traditional stretching for runners?

A: Foam rolling focuses on releasing myofascial tension and improving muscle pliability, while traditional static stretching aims to lengthen muscles. Both have their benefits, but foam rolling is often preferred before a run as part of a dynamic warm-up, and after a run for recovery.

Foam Roller Exercises For Runners

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foam roller exercises for runners: *Strength Training for Runners* John Shepherd, 2015-02-12
Due to cost and time pressures, people are abandoning the gym and organised sport in favour of more flexible and informal pursuits such as running. But it's not just as simple as getting the miles under your belt. Injuries can impact on your ability to train, and all runners can benefit from a simple strength training and conditioning programme to boost performance and avoid unnecessary injuries. Strength and Conditioning is now regarded as integral to any training programme from marathon runners to triathletes. *Strength Training for Runners* is designed to keep you, as a runner, on track, whatever your level. Packed with photos illustrating the different techniques, this coaching manual is ideal for any motivated runner. Chapters will guide you through constructing a programme of exercises to keep you running fit, show you how to improve and strengthen your running and other muscles in specific warm ups and provide you with some great conditioning advice that will make you a stronger and faster runner. With the right strength training approach behind you, one that is balanced and reflects your training and racing needs, your injury risk can be significantly reduced and your performance significantly increased.

foam roller exercises for runners: *Runner's World*, 2007-03 *Runner's World* magazine aims to help runners achieve their personal health, fitness, and performance goals, and to inspire them with vivid, memorable storytelling.

foam roller exercises for runners: *Foam Rolling For Dummies* Mike D. Ryan, 2021-01-07 A full-color, step-by-step guide to get fit, prevent injury and end pain using your foam roller Foam rolling is not just a fad; if you're active in sport or work out regularly, you know how crucial it is to keep your muscles limber and pain-free to stay active and mobile. As a form of Myofascial Release Therapy, foam rolling is an effective technique for unlocking your tight muscles and restrictive myofascial connective tissue. Foam rolling helps increase your overall body mobility and joint range of motion, decreases pain and shortens recovery times—and it generally supercharges your body to reap the benefits of your active lifestyle! Written in an easy-to-follow, no-jargon style by NFL physical therapist and trainer for 26 years Mike Ryan, *Foam Rolling For Dummies* shares proven roller tips usually reserved for professional athletes to help you quickly restore healthy harmony between your muscles and joints. Once you know the science behind foam rolling, you'll understand how to use specific body-rolling techniques to address specific problems and goals, whether they're eliminating painful muscle trigger points, loosening tight fascia, improving body flexibility, or just relaxing muscles faster after a workout. Enhance athletic performance Improve injury prevention Learn rapid roller techniques Manage fibromyalgia Reduce soft tissue injuries Understand your myofascial system Reduce painful muscles Whether you want to maximize your fitness program,

manage your muscle pain or pursue other health goals, this guide puts on a roll for an enhanced body—and an enhanced life.

foam roller exercises for runners: Strength Training For Runners : The Best Forms of Weight Training for Runners Jason Scotts, 2013-06-20 Strength Training For Runners is a text written by an author that has more than a vested interest in the welfare of runners. He is a runner himself and is aware of what it takes to keep the body in shape and to prevent any sort of damage to perform optimally. The text is simple as and is well timed as more and more persons are starting to run for their health. The text can not only be used by the hardcore core well established runners but can also be used by those newbie's who are seeking to be healthy but do not wish to overdo it and harm themselves. The author is aware of the physical and psychological damage that an injury can cause and as such makes every effort through this text to prevent any form of injury from occurring in any individual. The text is a great source of reference for anyone at all that is into fitness and who opt to run to achieve that. The information is well laid out, insightful and extremely easy to understand. Any class of runner would be happy to have this text as a point of reference in their home.

foam roller exercises for runners: Run Healthy Emmi Aguillard, Jonathan Cane, Allison L. Goldstein, 2023-02-02 If you are a serious runner, you are well aware of the aches and pains associated with the sport. Run Healthy: The Runner's Guide to Injury Prevention and Treatment was written to help you distinguish discomfort from injury. It provides the latest science-based and practical guidance for identifying, treating, and minimizing the most common injuries in track, road, and trail running. In Run Healthy, you'll learn how the musculoskeletal system functions and responds to training, and you'll see how a combination of targeted strength work, mobility exercises, and running drills can improve your running form and address the regions where injuries most often occur: feet and toes, ankles, knees, hips, and lower back. You'll learn how to identify, treat, and come back from the most common injuries runners face, including plantar fasciitis, Achilles tendinitis, shin splints, hamstring tendinitis and tendinopathy, and IT band syndrome. You'll also hear from 17 runners on how the techniques in this book helped them overcome injuries and get back to training and racing-quickly and safely. Plus, a detailed look into popular alternative therapies such as acupuncture, cupping, CBD, cryotherapy, and cleanses will help you separate fact from fiction so you can decide for yourself if any of these therapies are appropriate for you. If you're passionate about running, Run Healthy is essential reading. It's your ticket to running strong for many years to come.

foam roller exercises for runners: Runner's World Guide to Cross-Training Matt Fitzgerald, Editors of Runner's World Maga, 2004-09-23 How to cross-train to improve running times and prevent overuse injuries--whether you are participating in your first 10-K or competing to win a marathon or triathlon If you want to enjoy a long, successful life of running, it's essential to incorporate non-running activities into your training program. Strength exercises will keep your muscles in balance. Flexibility exercises will keep them supple. And alternative endurance activities will help heal existing injuries while preventing future ones. In Runner's World Guide to Cross-Training, Matt Fitzgerald--seasoned runner, triathlete, sports and fitness journalist, and online coach to runners and triathletes--tells you everything you need to know about the very best cross-training exercises for runners, from the equipment you'll have to buy to the techniques you'll have to master. In addition to strength training and flexibility exercises, he recommends the six best non-impact cardiovascular activities for runners: pool running, elliptical training, bicycling, inline skating, swimming, and cross-country skiing. The book shows how to integrate running and cross-training, and features five complete sample programs that will train you to compete in a basic 10-K, advanced 10-K/half marathon, basic marathon, advanced marathon, and triathlon. Until now, there hasn't been a credible cross-training book designed especially for runners. With the imprimatur of Runner's World magazine-recognized everywhere as the most authoritative source of information on the sport-this excellent guide will be welcomed by runners at every level as the book to consult for advice on this vital topic.

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foam roller exercises for runners: Strength and Conditioning for Endurance Running Richard Blagrove, 2015-07-31 Endurance runners and coaches have tended to neglect weight training and conditioning techniques, often in the belief that they don't benefit performance, add unwanted muscle bulk, or cause excessive soreness. But as standards at elite level have improved, so coaches and runners have become increasingly keen on learning about the latest new training techniques or ways to stay injury free. No longer does the running community view strength and conditioning with scepticism, or as something that can only benefit elite runners. In *Strength and Conditioning for Endurance Running*, author Richard Blagrove shows how a strength and conditioning programme can directly improve running performance and reduce the risk of injury, as well as allowing an athlete to tolerate high volumes of running in the future. Fully illustrated with 312 colour images and diagrams.

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healthier—runner.

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- A basic overview of healthy running, with emphasis on developing a strong kinetic chain
- The science behind improving your running form and performance
- Prescriptions for preventing and treating a multitude of running injuries and maladies
- Dozens of step-by-step stretches and exercises to help strengthen and increase the flexibility of key running muscles
- Useful information on proper nutrition and hydration
- And much more!

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- Valuable tips on proper apparel, tracking your progress, and more!

foam roller exercises for runners: Home Exercise Programs for Musculoskeletal and Sports Injuries Ian Wendel, James Wyss, 2019-10-31 *Home Exercise Programs for Musculoskeletal and Sports Injuries: The Evidence-Based Guide for Practitioners* is designed to assist and guide healthcare professionals in prescribing home exercise programs in an efficient and easy to follow format. With patient handouts that are comprehensive and customizable, this manual is intended for the busy practitioner in any medical specialty who prescribes exercise for musculoskeletal injuries and conditions. The most central aspect of any therapeutic exercise program is the patient's ability

to perform the exercises effectively and routinely at home. This book is organized by major body regions from neck to foot and covers the breadth of home exercises for problems in each area based on the current literature. Each chapter begins with a brief introduction to the rehabilitation issues surrounding the types of injuries that can occur and general exercise objectives with desired outcomes, followed by a concise review of the specific conditions and a list of recommended exercises. The remainder of the chapter is a visual presentation of the exercises with high-quality photographs and step-by-step instructions for performing them accurately. The most fundamental exercises to the rehabilitation of each specific region are presented first as the essential building blocks, followed then by condition-specific exercises that advance throughout the chapter. Using this section, the healthcare practitioner can provide patients with handouts that require little to no explanation and can customize the program and modify instructions to fit individual patient needs and abilities – with confidence the handouts will be a valuable tool to help patients recover successfully from musculoskeletal and sports injuries. Key Features: Concise evidence-based guide for practitioners who prescribe home exercise programs for musculoskeletal and sports injuries Presents foundational, intermediate, and more advanced exercises for each body region and condition based on the current literature to achieve desired outcomes Highly visual approach with over 400 photographs demonstrating each exercise effectively with step-by-step instructions Each chapter includes evidence-based recommendations and goals for advancement of the exercise program Includes digital access to the ebook for use on most mobile devices and computers

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In *Chasing the Runner's High*, Ray Charbonneau tells the story how he pushed his addiction to running up to, and then past, his limits. There are plenty of hard miles, but there's lots of fun along the way too as Ray shares what he learned, what he should have learned, and what he still has to learn from running. Marshall Ulrich, 4-time winner of the Badwater Ultramarathon and author of *Running on Empty*, calls *Chasing the Runner's High* a look at one man's life and obsession with running and addictive behaviors. Humorous at times, but always looking toward the greater good, Ray shares life's ups and downs and provides a hard look into the mind of a runner, offering advice that can only be had with experience and hard fought miles underfoot. Adena Schulzberg, winner of the 2006 Arkansas Marathon, writes, these are brutally honest tales, told with candor and frankness about strength, courage, obsession, desire and hard won understanding of self and sport. It's a great read for runners or for non-runners who want to understand their running friends. www.y42k.com/books/chasingtherunnershigh.html

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