strength training for soccer

strength training for soccer is a critical component of athletic development, offering soccer players a significant edge on the field. This comprehensive guide explores the multifaceted benefits of incorporating targeted resistance training into a soccer player's regimen, detailing how it enhances performance, reduces injury risk, and boosts overall athleticism. We will delve into the specific types of strength training exercises that are most beneficial, the principles of program design for soccer players, and how to periodize training to peak at the right times. From building explosive power for sprints and jumps to developing core stability for better balance and control, understanding and implementing effective strength training strategies is paramount for any player serious about reaching their full potential.

Table of Contents

The Importance of Strength Training for Soccer Players Key Benefits of Strength Training in Soccer Essential Components of a Soccer Strength Program Strength Training Exercises for Soccer Players Periodization and Program Design for Soccer Strength Common Mistakes to Avoid in Soccer Strength Training Integrating Strength Training with Soccer-Specific Drills Maintaining Strength Throughout the Soccer Season

The Importance of Strength Training for Soccer Players

Strength training is no longer considered an optional add-on for soccer players; it is an indispensable pillar of athletic development. The demands of the modern game are immense, requiring a unique blend of speed, agility, power, endurance, and tactical intelligence. While technical skills and cardiovascular fitness are crucial, neglecting a robust strength training program significantly limits a player's ability to express their full athletic potential. This form of training directly addresses the physical attributes that underpin success on the pitch, translating into tangible improvements in game performance and a reduced susceptibility to common soccer-related injuries.

Soccer is a dynamic and explosive sport characterized by frequent changes in direction, accelerations, decelerations, jumping, and kicking. Each of these actions relies heavily on the player's muscular strength and power. Without adequate strength, a player may struggle to generate the force needed for quick sprints, powerful shots, or effective aerial duels. Furthermore, the repetitive impact and high-stress movements inherent in soccer place considerable strain on joints and soft tissues, making injury prevention a paramount concern. Strength training builds resilience within the musculoskeletal system, fortifying muscles, tendons, and ligaments against the forces they encounter during play.

Key Benefits of Strength Training in Soccer

The advantages of integrating dedicated strength training into a soccer player's routine are numerous

and directly impact on-field performance. These benefits extend beyond simply getting "stronger"; they translate into measurable improvements across various athletic qualities essential for success in the sport.

Enhanced Power and Explosiveness

Soccer demands explosive movements, such as sprinting, jumping for headers, and powerfully striking the ball. Strength training, particularly focusing on compound movements and plyometrics, helps develop the fast-twitch muscle fibers responsible for generating maximum force in a short amount of time. This translates to quicker acceleration off the mark, higher vertical leaps, and more potent shots, giving players a decisive advantage in critical game situations. For instance, a stronger quadriceps and gluteal complex can propel a player faster over short distances, while improved upper body and core strength can contribute to greater power in aerial challenges and shooting.

Improved Agility and Change of Direction

The ability to change direction quickly and efficiently is a hallmark of elite soccer players. Strength training, especially exercises that target the hips, core, and stabilizing muscles, improves a player's ability to control their body during rapid directional shifts. Stronger muscles can absorb and redirect forces more effectively, allowing for sharper cuts, more controlled pivots, and a reduced risk of ankle or knee injuries during these maneuvers. A well-developed posterior chain, for example, is crucial for efficient deceleration and re-acceleration.

Injury Prevention and Resilience

One of the most significant benefits of strength training for soccer players is its role in injury prevention. By strengthening the muscles surrounding critical joints like the knees, ankles, and hips, players build greater stability and support, making them less vulnerable to sprains, strains, and tears. A balanced strength program addresses muscular imbalances that can lead to compensatory movements and subsequent injuries. For example, strengthening the hamstrings can help prevent hamstring pulls, and building stronger hip abductors can contribute to better knee stability, reducing the risk of ACL injuries.

Increased Stamina and Reduced Fatigue

While cardiovascular training is primarily responsible for endurance, strength training plays a supportive role. Stronger muscles are more efficient and can perform work with less effort, delaying the onset of fatigue. This means players can maintain their speed, power, and agility for longer periods throughout a match, remaining effective even in the later stages. Improved muscular endurance allows players to repeatedly sprint, tackle, and contest duels without a significant drop in performance.

Better Balance and Core Stability

A strong core is the foundation of all athletic movements. For soccer players, a stable core is essential for maintaining balance while dribbling, shielding the ball, receiving passes under pressure, and executing complex movements. Strength training exercises that focus on the abdominal, back, and hip muscles develop this crucial stability, allowing players to stay on their feet, control the ball more effectively, and generate force from a solid base. This also aids in shock absorption and can prevent injuries by ensuring proper force distribution.

Essential Components of a Soccer Strength Program

A well-rounded strength training program for soccer players should encompass several key components designed to address the multifaceted demands of the sport. These components ensure that players develop the necessary strength, power, and resilience across their entire body, targeting specific muscle groups and movement patterns crucial for on-field success.

Lower Body Strength

The lower body is the engine for most soccer actions. Developing strength in the legs and hips is paramount for sprinting, jumping, kicking, and tackling. This includes exercises that target the quadriceps, hamstrings, glutes, and calves. A strong lower body not only enhances power output but also provides the stability needed to absorb impact and prevent injuries.

Upper Body Strength

While not as immediately obvious as lower body strength, upper body strength is vital for soccer players. It aids in shielding the ball from opponents, winning aerial duels, balance during challenges, and even contributing to the power transfer during a powerful kick. Exercises for the chest, back, shoulders, and arms should be included to ensure a balanced physique and functional strength.

Core Strength and Stability

The core, encompassing the abdominal muscles, obliques, lower back, and hip flexors, acts as a vital link between the upper and lower body. A strong and stable core is crucial for transferring force efficiently, maintaining balance, preventing injuries, and improving overall athleticism. Exercises that challenge rotational strength, anti-rotation, and spinal stabilization are key.

Power and Explosive Movements

Translating maximal strength into explosive power is critical for soccer. This involves incorporating exercises that mimic the quick, forceful movements seen in the game. Plyometric exercises and Olympic lifts (with proper technique and progression) are excellent for developing this type of athleticism, enabling players to jump higher, sprint faster, and strike the ball with more velocity.

Balance and Proprioception

Soccer players constantly operate in dynamic and often unstable environments. Training to improve balance and proprioception (the body's awareness of its position in space) enhances agility, reduces the risk of falls, and improves the ability to react quickly to unpredictable situations. Exercises performed on unstable surfaces or single-leg stances can be highly beneficial.

Strength Training Exercises for Soccer Players

Selecting the right exercises is crucial for maximizing the benefits of strength training for soccer. A program should focus on compound movements that engage multiple muscle groups, mimicking the functional demands of the game. Prioritizing exercises that build strength, power, and stability will yield the best results.

Compound Lower Body Exercises

These exercises form the backbone of any soccer strength program, targeting major muscle groups for overall strength and power development.

- **Squats:** Barbell back squats, front squats, and goblet squats are excellent for building overall leg and glute strength. They improve knee and hip extension power, essential for sprinting and jumping.
- **Deadlifts:** Conventional deadlifts and Romanian deadlifts (RDLs) are fantastic for developing posterior chain strength (hamstrings, glutes, lower back), which is critical for acceleration, deceleration, and injury prevention.
- **Lunges:** Walking lunges, reverse lunges, and lateral lunges target the quadriceps, hamstrings, and glutes unilaterally, improving balance and addressing potential muscle imbalances. Lateral lunges are particularly valuable for improving lateral agility.
- **Glute Bridges and Hip Thrusts:** These exercises specifically target the glutes, which are often underdeveloped in athletes but crucial for power generation, hip extension, and preventing hamstring strains.

Compound Upper Body Exercises

While lower body is primary, upper body strength plays a supporting role in balance, shielding, and aerial duels.

- **Bench Press:** Develops chest, shoulder, and triceps strength, aiding in upper body stability and power transfer. Variations like incline or dumbbell presses can also be beneficial.
- Overhead Press: Strengthens the shoulders and upper back, contributing to shoulder stability

and overall upper body strength.

- **Rows:** Barbell rows, dumbbell rows, and cable rows target the back muscles, improving posture and upper body pulling strength, which is important for balance and controlling opponents.
- **Pull-ups and Lat Pulldowns:** Excellent for developing latissimus dorsi (lats) and upper back strength, crucial for posture and upper body power.

Core Strength and Stability Exercises

A strong core is fundamental for transferring power, maintaining balance, and preventing injuries.

- **Planks:** Standard planks, side planks, and plank variations engage the entire core musculature, improving isometric strength and endurance.
- **Russian Twists:** Develop rotational strength and core stability, important for kicking power and changing direction.
- Leg Raises: Target the lower abdominal muscles, contributing to core stability.
- **Pallof Press:** An anti-rotation exercise that builds significant core strength and resilience against unwanted rotation, crucial for stability during dynamic movements.

Plyometric and Power Exercises

These exercises focus on developing explosive power and the ability to absorb and re-apply force quickly.

- **Box Jumps:** Develop explosive power in the lower body, simulating jumping for headers or reaching for a pass.
- **Jump Squats:** Enhance the ability to generate force rapidly from a squatting position.
- **Broad Jumps:** Improve horizontal explosiveness, crucial for acceleration and covering ground quickly.
- **Medicine Ball Throws:** Develop rotational power and upper body explosiveness, useful for throwing in and kicking power.
- **Sprinting Drills:** While technically not "strength training," incorporating explosive sprints with proper technique is vital for developing sport-specific power.

Periodization and Program Design for Soccer Strength

Effective strength training for soccer players requires a structured approach to program design and periodization. Periodization involves strategically manipulating training variables over time to optimize performance and minimize the risk of overtraining and injury, ensuring players are at their peak during key periods of the season.

Understanding the Soccer Calendar

The soccer season is typically long and demanding, often divided into distinct phases: the off-season, pre-season, in-season, and potentially post-season. Each phase has different training priorities. The off-season is for recovery and general conditioning, pre-season focuses on building a foundation of strength and power, the in-season concentrates on maintaining strength and peak performance while managing fatigue, and the post-season is for active recovery and preparation for the next cycle.

Phased Approach to Training

A phased approach allows for progressive overload and adaptation. Typically, this involves:

- General Preparation Phase (Off-Season/Early Pre-Season): Focus on building a solid base
 of muscular strength and endurance. High volume, moderate intensity with a focus on
 mastering proper exercise technique.
- **Specific Preparation Phase (Mid Pre-Season):** Transition to more sport-specific strength and power development. Introduce more explosive movements and plyometrics. Intensity increases, and volume may decrease slightly.
- **Competition Phase (In-Season):** Maintain strength and power while prioritizing recovery and managing fatigue. Lower volume and moderate to high intensity. Sessions are often shorter and focused on preserving gains rather than making significant new ones.
- **Transition Phase (Post-Season):** Active recovery, light strength work, and focus on addressing any lingering imbalances or injuries. Low intensity and low volume.

Key Training Principles

Several core principles guide effective periodized programming:

- **Progressive Overload:** Gradually increasing the demands placed on the body over time (e.g., increasing weight, reps, sets, or decreasing rest) to stimulate continuous adaptation.
- **Specificity:** Training should be relevant to the demands of soccer. This means prioritizing exercises that mimic game movements and muscle actions.

- **Variability:** Periodically changing training stimuli (exercises, rep ranges, intensity) to prevent plateaus and stimulate new adaptations.
- **Recovery:** Adequate rest between training sessions and adequate sleep are crucial for muscle repair and growth, as well as for preventing overtraining and injury.

During the in-season, the goal shifts from maximal strength gains to maintenance and ensuring players can perform at a high level week after week. This often involves reducing the frequency and volume of strength training sessions, focusing on compound movements with moderate weight and lower repetitions, and ensuring adequate rest between matches. The intensity should remain high enough to signal the body to maintain strength, but not so high as to cause excessive fatigue that will impair on-field performance.

Common Mistakes to Avoid in Soccer Strength Training

While the benefits of strength training are clear, many soccer players and coaches fall into common traps that can hinder progress or even lead to injury. Being aware of these pitfalls is the first step towards designing and implementing a more effective training program.

Neglecting Core Strength

A common mistake is focusing solely on the visible muscles of the arms and legs while overlooking the crucial role of the core. A weak core compromises stability, power transfer, and increases the risk of lower back injuries. Players must dedicate time to exercises that strengthen the entire core complex, not just the superficial abdominal muscles.

Overtraining or Undertraining

Finding the right balance is key. Overtraining, especially during the in-season, can lead to extreme fatigue, diminished performance, and an increased risk of injury. Conversely, undertraining, or not challenging the body sufficiently, will result in minimal gains. This highlights the importance of periodization and listening to the body's signals for recovery.

Ignoring Proper Form and Technique

Lifting heavy weights with poor form is a recipe for disaster. Incorrect technique can lead to inefficient movement patterns, reduced effectiveness of the exercise, and a significantly higher risk of acute or overuse injuries. Prioritizing quality of movement over quantity of weight is paramount, especially when learning new exercises.

Lack of Specificity

While general strength is important, training should ultimately be specific to the demands of soccer. If a player spends too much time on isolation exercises that don't translate to on-field movements, their training may not be as effective as it could be. Focusing on compound, multi-joint movements and incorporating plyometrics is crucial.

Inadequate Recovery

Strength gains and adaptations occur during rest, not during the workout itself. Many athletes underestimate the importance of sleep, nutrition, and active recovery strategies. Pushing through fatigue without adequate rest can lead to burnout, increased injury risk, and stalled progress.

Focusing Only on Lifting Heavy

While maximal strength is important, soccer is a sport of power and speed. A program that solely focuses on lifting the heaviest possible weight may not translate effectively to on-field explosiveness. Integrating plyometrics, Olympic lifts (with proper coaching), and sport-specific movements is essential for developing true athletic power.

Integrating Strength Training with Soccer-Specific Drills

The ultimate goal of strength training for soccer players is to enhance performance on the pitch. Therefore, it is crucial to integrate strength development with soccer-specific drills in a way that promotes the transfer of gains from the weight room to the field. This synergy ensures that players can effectively utilize their newfound strength and power in game situations.

Bridging the Gap

Simply performing heavy lifts in the gym is not enough. Players need to learn how to apply that strength in dynamic, sport-specific contexts. This involves exercises that mimic the actions of soccer, such as changing direction, accelerating, decelerating, jumping, and kicking, all while under load or in a fatigued state. The aim is to make the trained strength functional and readily available during a match.

Plyometrics and Agility Drills

Plyometric exercises, like box jumps and bounds, directly train explosive power and the ability to absorb and re-apply force quickly. When combined with agility drills, such as cone drills or ladder drills, players can practice applying their power to change direction with speed and control. This integration helps in developing the reactive strength necessary for quick movements on the field.

Strength Training with Game-Like Fatigue

Often, players are required to perform explosive movements when already fatigued. Therefore, incorporating strength exercises or drills that simulate this condition can be highly beneficial. This might involve performing power exercises after a short conditioning drill or incorporating circuit-style training that blends strength exercises with brief bursts of soccer-specific movements.

Core Stability in Dynamic Movements

A strong core is essential for stability during kicking, tackling, and maintaining balance while dribbling. Strength training exercises that target core stability should be complemented with drills that challenge this stability in dynamic situations. For example, performing medicine ball throws or rotational exercises while standing on one leg can help improve the ability to generate and control force efficiently during complex soccer actions.

Ultimately, the most effective strength training programs for soccer players are those that are carefully planned and executed with the specific demands of the sport in mind. By bridging the gap between gym-based strength and on-field application, players can unlock their full athletic potential, leading to improved performance, greater resilience, and a reduced risk of injury throughout their playing careers.

Maintaining Strength Throughout the Soccer Season

The in-season phase of training presents a unique challenge for soccer players: how to maintain strength and power without compromising performance or increasing the risk of injury due to fatigue. The focus shifts from building new strength to preserving existing gains and ensuring optimal readiness for matches.

Adjusting Volume and Intensity

During the competitive season, the primary goal of strength training is maintenance. This typically means reducing the overall training volume (fewer sets and exercises) and potentially moderating the intensity. Players should aim to lift weights that are challenging but allow for proper form and quick recovery. The frequency of strength sessions is also often reduced, usually to one or two sessions per week, strategically placed between matches to allow for adequate recovery.

Prioritizing Recovery

Recovery becomes paramount during the in-season. Adequate sleep, proper nutrition, hydration, and active recovery methods such as foam rolling and stretching are essential. Strength training sessions should be scheduled so that they do not interfere with crucial recovery periods before or after important matches. Players who are constantly fatigued will struggle to maintain their strength and will be more susceptible to injuries.

Focus on Compound Movements and Explosiveness

Even during the in-season, compound movements like squats, deadlifts, and presses should remain a cornerstone of the program, albeit with lower volume. These exercises are efficient and help maintain overall strength. Additionally, short, explosive drills or power-focused exercises can be incorporated to preserve neuromuscular efficiency and explosive power, which are critical for game-day performance. These sessions should be brief and intense, focusing on quality over quantity.

The key is to find a balance that keeps the muscles stimulated enough to maintain strength and power without causing excessive muscle soreness or fatigue that would negatively impact match performance. Regular communication between players, coaches, and strength and conditioning staff is vital to adjust training loads based on the team's schedule, player fatigue levels, and individual responses to training.

By implementing a well-structured strength training program, soccer players can significantly elevate their game. The benefits extend from improved speed and agility to enhanced injury resilience and greater overall athleticism. Understanding the principles of strength training, selecting appropriate exercises, and periodizing the program effectively are key to unlocking a player's full potential on the soccer field.

FAQ

Q: How many days a week should a soccer player strength train during the off-season?

A: During the off-season, a soccer player can typically strength train 2-3 days per week. This phase is focused on building a foundational base of strength and muscle mass, allowing for more frequent sessions to stimulate significant adaptation without the immediate demands of competition.

Q: What are the most important muscle groups for soccer players to train?

A: The most important muscle groups for soccer players to train include the lower body (quadriceps, hamstrings, glutes, calves) for power and speed, the core (abdominals, obliques, lower back) for stability and power transfer, and the upper body (chest, back, shoulders) for balance and shielding.

Q: Should soccer players do heavy lifting or focus more on lighter weights with higher reps?

A: A balanced approach is best. During the off-season and pre-season, incorporating both heavy lifting (for maximal strength) and lighter weights with higher reps (for muscular endurance) is beneficial. During the in-season, the focus often shifts to maintaining strength with moderate to heavy weights and lower reps, along with power development.

Q: How important are plyometrics for soccer strength training?

A: Plyometrics are extremely important for soccer strength training. They are crucial for developing explosive power, which translates directly to faster sprints, higher jumps for headers, and more powerful kicks. Plyometrics train the body to absorb and quickly reapply force, mimicking the dynamic movements of soccer.

Q: When is the best time to do a strength training session relative to a soccer practice or match?

A: Ideally, strength training sessions should be scheduled on days when there is no soccer practice or match, or at least 8-12 hours apart from intense soccer activity. If training on the same day as practice, perform strength training after practice or with adequate rest in between. Avoid heavy lifting the day before a match.

Q: Should soccer players focus on isolation exercises or compound movements?

A: Compound movements are generally more beneficial for soccer players because they engage multiple muscle groups simultaneously, mimicking real-world athletic actions. Exercises like squats, deadlifts, lunges, and presses are more efficient and functional than isolation exercises, which target a single muscle group.

Q: How can strength training help prevent common soccer injuries like ACL tears or hamstring strains?

A: Strength training strengthens the muscles and connective tissues that support the joints. For ACL prevention, strengthening the hamstrings, quadriceps, and hip abductors/adductors is crucial for knee stability. For hamstring strains, strengthening the hamstrings and improving their flexibility through eccentric training can significantly reduce risk. A strong, balanced musculature helps absorb impact and control movements, reducing stress on vulnerable tissues.

Q: Is it beneficial for young soccer players to start strength training?

A: Yes, it can be beneficial for young soccer players to start strength training, but it must be ageappropriate and supervised. The focus should be on mastering proper form and technique with bodyweight or light resistance, developing fundamental movement patterns, and building a foundation of strength and coordination. It's less about lifting heavy and more about developing a strong, resilient body.

Strength Training For Soccer

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strength training for soccer: Training and Conditioning for Soccer Tudor Bompa, 2025-03-01 Training and Conditioning for Soccer is the perfect book to help coaches introduce strength and conditioning into their training programs. The best training for soccer players is both sport and game specific, and practices are often spent perfecting tactics and techniques. But this is not the full picture. Players must also be fast and agile, and they must have speed and endurance— all achieved with strength training and conditioning. In this book, coaches are introduced to the sport of soccer and the fundamentals of the game; physiological demands and training methodology needed to develop strength and power are part of the basics of training. They are also given the best training methods for developing game- and position-specific endurance. The book also touches briefly on those more popular yet ineffective training methods used today, clarifying why the methods presented here are superior for training speed and agility in soccer players. Finally, coaches are given examples of training models, including how to create their own models that will train their players in all aspects of the game. They will also find example training plans for each physical ability that should be developed as well as the best strength training exercises to incorporate into soccer practice. Written by Tudor Bompa, the creator of periodization training, this is the best guide for introducing strength training into soccer practice to develop faster and more agile players!

strength training for soccer: Strength Training for Soccer Ralf Meier, 2007 Overstretching for a pass or mistimed tackle can put a soccer player out of action for months - muscle tears, tendon and joint injuries are all part and parcel of the game. However, many of these injuries are preventable, in particular by better preparation of the leg muscles.

strength training for soccer: The Ultimate Guide to Weight Training for Soccer Rob Price, 2014-05-14 The Ultimate Guide to Weight Training for Soccer is the most comprehensive and up-to-date soccer-specific training guide in the world today. It contains descriptions and photographs of nearly 100 of the most effective weight training, flexibility, and abdominal exercises used by athletes worldwide. This book features year round soccer-specific weight training programs guaranteed to improve your performance and get you results. No other soccer book to date has been

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strength training for soccer: The Ultimate Guide to Weight Training for Soccer (Enhanced Edition) ,

strength training for soccer: Complete Conditioning for Soccer Greg Gatz, 2009 Increase strength to dribble through traffic. Pack more power into shots on goal. Improve quickness and agility to find open passing lanes and evade opponents. Complete Conditioning for Soccer shows you how to achieve all of these performance goals and more. Soccer players are faster and stronger than ever before. In this special book and DVD package, renowned soccer strength and conditioning coach Greg Gatz provides a comprehensive training approach that builds players' physical abilities as well as the soccer-specific skills required for dribbling, tackling, passing, heading, shooting, and goalkeeping. Complete with assessment tests for determining a players' fitness status and specific programs that improve balance, quickness, agility, speed, and strength, this book will help you dominate your position. The DVD puts the training into action by demonstrating key tests, exercises, and drills from the book. With nutritional guidelines as well as seasonal workouts, Complete Conditioning for Soccer provides a multidimensional training approach that will show you how to get the most from your time in the gym and on the pitch.

strength training for soccer: Science and Football IV Warwick Spinks, Thomas Reilly, Aron Murphy, 2001 The Fourth World Congress of Science and Football was held in Sydney, Australia 1999. Fourth in the series it complements the rapidly increasing use of scientific identification, training and development of football talent.

strength training for soccer: Science and Soccer Thomas Reilly, A. Mark Williams, 2003 Science and Soccer 2nd edition offers a comprehensive and accessible analysis of the science behind the world's most popular sport, and important guidance on how science translates into practice.

strength training for soccer: Soccer Training Programmes Gerhard Frank, 2009 In the deepest, darkest midnight of her soul, Gabriella writes a book, a horror story about demons and then one of them crawls up out of the pages and confronts her face to face. A deranged, fanatical fan who believes he is The Beast of Babylon from her novel turns up at a book signing and then comes after her to claim her as his bride. And to sacrifice her son, Ty, as an offering to their unholy union. Gabriella, Ty and Tys grandfather, Theothe crusty old stand-up comic called Slap Yo Mama Carmichaelrun for their lives, back to the only place in Gabriellas life where she ever felt safe. But once there, she discovers that facing the demons from her past may be harder and more dangerous than facing the one who hunts her. As Ty and Theo battle their own, personal monsters, Gabriella begins to fall for a man who carries a guilt she cant even begin to imagine. The predator who stalks Gabriella and her family tracks them down and corners his prey as a full moon rides high in the night sky and lightning explodes on the mountaintop. Then all their lives and demons collide in a final, apocalyptic celebration of one mans madness. Gabriellas only hope lies in the unexplainable power of 2,000-year-old tree. Is it strong enough to save them? Can a single, perfect bristlecone pine somehow determine the fate of them all?

strength training for soccer: Soccer: Functional Fitness Training Harry Dost, Peter Hyballa, Hans-Dieter te Poel, 2016-11-28 The world's best soccer players are incredibly fit, fast, lean, and strong. Achieving this level of athleticism requires a rigorous soccer fitness training program applying the most effective drills, exercises, and core training methods. In Soccer: Functional Fitness Training, the authors present numerous drills for this training. Based on the latest the findings in sports science and on the authors' long-term coaching experience, they present an extensive practical guide to help you improve your team's performance through core training,

soccer specific exercises, and drills. The exercises can be used for amateurs and professional players, youth and adults alike. Your players can learn how to score the most exciting and acrobatic goals, how to tackle without fouling, and how to avoid injuries. The drills in the book create typical match situations to help your team prepare for the game and stay motivated. Many of the fitness exercises require no extra equipment and rely only on bodyweight, thus targeting many different muscles at once. The book is easy to use on the pitch and the ideal tool to turn youth players into the next Cristiano Ronaldo, Zlatan Ibrahimovic, or Bastian Schweinsteiger.

strength training for soccer: Strength Training for Soccer E. V. A. JONES, 2021-08-25 When designing speed and strength training programs, the training pyramid outlines a heirarchy of abilities that should be developed for optimal results. This book introduces the concept of the training pyramid and the components of training at each level. If you are looking to help athletes run faster, you need to consider the training pyramid to achieve long term results. The ability to develop large muscles and strength as fast as possible in one movement is very important in many sports in which all movement occurs relatively quickly (strongman, weight lifting, ski jumping rate, turnover rate jump, long jump rate, sprint etc.). Lets look at some different types of training, to target what we really want to achieve. Strength training for soccer or football is an artistic and scientific process. There are a lot of variables that must be considered. Players that serve different roles in the game need different training regimens. You have to do a little planning and take a structured approach to your strength training routines. Doing so will be greatly rewarding and bring out your inner champion! Whether you are a beginner, intermediate or expert, this strength trainning book has the best trainning you can do to build strength, endurance, speed and flexibility. You have to possess the ability to instantly convert all of your strength into booming power to prevail on the football field. Remember that the stronger and more powerful athlete is the one who will best survive a collision.

strength training for soccer: Speed for Soccer G. Lee Powell, 2010-07-19 Become a faster and more dynamic soccer player and athlete with these proven strategies.

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