

hawkins test ankle sprain

hawkins test ankle sprain is a diagnostic tool often referenced in the assessment of joint injuries, though it is traditionally associated with shoulder impingement evaluation. However, understanding its relevance or confusion in the context of ankle sprains is important for medical professionals and students. Ankle sprains are among the most common musculoskeletal injuries, and accurate diagnosis is essential for effective management and rehabilitation. This article explores the anatomy of the ankle, the mechanisms and symptoms of ankle sprains, and clarifies the application and limitations of the Hawkins test concerning ankle injuries. Additionally, alternative clinical tests for ankle sprain diagnosis will be discussed to provide a comprehensive overview of current best practices in ankle injury assessment.

- Anatomy of the Ankle
- Understanding Ankle Sprains
- The Hawkins Test: Origin and Purpose
- Relevance of the Hawkins Test to Ankle Sprain
- Alternative Clinical Tests for Ankle Sprain Diagnosis
- Best Practices in Ankle Sprain Assessment

Anatomy of the Ankle

The ankle is a complex hinge joint formed by the articulation of three bones: the tibia, fibula, and talus. It enables dorsiflexion and plantarflexion movements, which are critical for walking, running, and balance. Surrounding the ankle joint are multiple ligaments that provide stability, including the anterior talofibular ligament (ATFL), calcaneofibular ligament (CFL), and posterior talofibular ligament (PTFL). The lateral ligament complex is particularly vulnerable to injury during inversion mechanisms that commonly cause ankle sprains.

Ligaments Involved in Ankle Stability

The integrity of ligaments is essential for ankle stability. The ATFL is the most frequently injured ligament in ankle sprains, followed by the CFL. These ligaments restrict excessive inversion and rotation of the foot. Injuries to these structures can lead to pain, swelling, instability, and functional impairment.

Muscles and Tendons Surrounding the Ankle

Muscles such as the tibialis anterior, peroneals, and calf muscles provide dynamic support to the ankle joint. The tendons associated with these muscles

also contribute to joint stability and proprioception. Understanding the anatomy of these soft tissues aids in accurate diagnosis and targeted rehabilitation of ankle sprains.

Understanding Ankle Sprains

An ankle sprain involves the stretching or tearing of ligaments, usually due to an acute injury involving inversion, eversion, or rotation forces. These injuries vary in severity from mild stretching (Grade I) to complete rupture (Grade III), each with distinct clinical presentations and management strategies.

Causes and Mechanism of Injury

The most common mechanism for ankle sprains is an inversion injury where the foot rolls inward beyond its normal range. This often occurs during sports activities, uneven surfaces, or improper footwear. Eversion sprains, though less common, involve outward rolling and typically affect the deltoid ligament.

Symptoms and Clinical Presentation

Patients with ankle sprains typically present with localized pain, swelling, bruising, and difficulty bearing weight. Joint instability and a feeling of the ankle “giving way” may occur in more severe cases. Clinical evaluation is critical to differentiate between ligamentous injury, fractures, or other pathologies.

The Hawkins Test: Origin and Purpose

The Hawkins test is primarily a clinical maneuver designed to identify shoulder impingement syndrome, specifically assessing the supraspinatus tendon and subacromial space. Named after Dr. R. Hawkins, this test involves flexing the shoulder and elbow to 90 degrees followed by internal rotation, which reproduces impingement pain if positive.

Procedure of the Hawkins Test

During the Hawkins test, the examiner stabilizes the patient’s arm at 90 degrees of forward flexion and elbow bent at 90 degrees, then internally rotates the shoulder. A positive test elicits pain indicative of impingement. It is a sensitive and specific test used predominantly in shoulder evaluations.

Interpretation and Clinical Utility

The Hawkins test helps in diagnosing shoulder impingement syndrome but is not designed for ankle assessment. Its clinical value lies in differentiating shoulder pathologies rather than lower extremity injuries, which require

different diagnostic approaches.

Relevance of the Hawkins Test to Ankle Sprain

Despite some confusion, the Hawkins test is not applicable in the assessment of ankle sprains. The anatomical and biomechanical differences between the shoulder and ankle joints preclude the use of this maneuver in ankle injury diagnosis. It is essential to use ankle-specific clinical tests for accurate diagnosis.

Common Misconceptions

Occasionally, the term “Hawkins test” may be mistakenly referenced in the context of ankle injuries due to nomenclature errors or misunderstanding of clinical tests. Clarifying this misconception is important for proper clinical practice.

Need for Ankle-Specific Diagnostic Tools

Given the unique structure and injury mechanisms of the ankle, dedicated tests such as the anterior drawer test and talar tilt test are more appropriate. These tests evaluate ligament integrity and help classify the severity of ankle sprains accurately.

Alternative Clinical Tests for Ankle Sprain Diagnosis

Several established clinical tests are used to assess ligamentous injury in ankle sprains. These tests focus on the lateral ankle ligaments and help determine the extent of damage, guiding treatment decisions.

Anterior Drawer Test

The anterior drawer test assesses the integrity of the anterior talofibular ligament. The examiner stabilizes the tibia while pulling the heel forward. Excessive anterior translation compared to the uninjured side indicates a positive test, suggesting ATFL injury.

Talar Tilt Test

This test evaluates the calcaneofibular ligament by inverting the foot while stabilizing the tibia. Increased laxity or pain during the maneuver suggests injury to the CFL or other lateral ligaments.

Squeeze Test and External Rotation Test

Although more commonly used for syndesmotic injuries, these tests can help

differentiate high ankle sprains from lateral ligament injuries. The squeeze test involves compressing the tibia and fibula, while the external rotation test applies rotational stress to the ankle.

Best Practices in Ankle Sprain Assessment

Effective evaluation of ankle sprains requires a combination of patient history, physical examination, and, when necessary, imaging studies. Clinical tests should be performed systematically to identify ligamentous damage and exclude fractures or other complications.

Stepwise Clinical Examination

A comprehensive approach includes:

- Inspection for swelling, deformity, and bruising
- Pain localization through palpation of ligament attachments
- Range of motion assessment
- Application of ligament-specific tests such as the anterior drawer and talar tilt
- Functional evaluation including weight-bearing ability

Role of Imaging

Imaging techniques, including X-rays and MRI, may be indicated to rule out fractures or assess soft tissue injuries in complex cases. MRI is particularly useful in evaluating ligament tears and associated injuries to tendons or cartilage.

Documentation and Follow-Up

Accurate documentation of findings and injury severity is crucial for treatment planning and monitoring recovery. Follow-up assessments help evaluate healing progression and guide rehabilitation protocols.

Frequently Asked Questions

What is the Hawkins test used for in ankle injuries?

The Hawkins test is primarily used to assess for impingement or injury in the ankle, particularly to detect possible ligament damage or impingement in the ankle joint.

How is the Hawkins test performed for an ankle sprain?

To perform the Hawkins test, the examiner flexes the patient's knee and hip to 90 degrees, then forcibly internally rotates the foot and ankle. Pain during this maneuver suggests impingement or ligament injury.

Is the Hawkins test reliable for diagnosing ankle sprains?

The Hawkins test can help identify certain types of ankle injuries such as impingement but is not solely reliable for diagnosing ankle sprains; it should be used alongside other clinical assessments and imaging.

What does a positive Hawkins test indicate in the context of an ankle sprain?

A positive Hawkins test, indicated by pain during internal rotation of the ankle with the knee flexed, suggests possible impingement or ligamentous injury in the ankle joint.

Can the Hawkins test differentiate between types of ankle sprains?

The Hawkins test is not specifically designed to differentiate between types of ankle sprains but rather to detect impingement or ligament involvement in the ankle.

Are there any risks or contraindications to performing the Hawkins test on an injured ankle?

Performing the Hawkins test on a severely injured or unstable ankle may cause discomfort or worsen injury; it should be done carefully and avoided if there is significant swelling or fracture suspicion.

How does the Hawkins test compare to the anterior drawer test for ankle sprains?

The Hawkins test assesses impingement and internal rotation pain, while the anterior drawer test specifically evaluates the integrity of the anterior talofibular ligament, commonly injured in ankle sprains.

Can the Hawkins test be used in conjunction with imaging for ankle sprain diagnosis?

Yes, the Hawkins test can be used alongside imaging techniques like MRI or X-rays to provide a more comprehensive assessment of ankle injuries, helping to confirm ligament damage or impingement.

Additional Resources

1. *Understanding the Hawkins Test: A Clinical Approach to Ankle Sprains*

This book offers a comprehensive overview of the Hawkins test, a key diagnostic maneuver used in assessing ankle sprains. It details the anatomy involved, the proper technique for performing the test, and interpretation of results. Clinicians will find case studies and practical tips for improving diagnostic accuracy.

2. *Diagnosis and Management of Ankle Sprains: Focus on the Hawkins Test*

Focusing on the Hawkins test, this text explores its role within the broader context of ankle sprain diagnosis and management. It explains the biomechanics of ankle injuries and how the test helps differentiate between various ligamentous injuries. Rehabilitation protocols and prevention strategies are also discussed.

3. *Clinical Assessment of Ankle Injuries: Hawkins Test and Beyond*

This book delves into various clinical assessments for ankle injuries, with a special emphasis on the Hawkins test. It guides healthcare professionals through the steps of examination, highlighting the test's sensitivity and specificity. The book also compares the Hawkins test with other diagnostic tools.

4. *Orthopedic Tests for the Lower Limb: Hawkins Test and Ankle Sprain Evaluation*

An essential reference for orthopedic practitioners, this book covers a wide range of tests for lower limb injuries. The section on the Hawkins test provides detailed descriptions, illustrations, and common pitfalls. It also covers treatment options following diagnosis through these tests.

5. *The Hawkins Test in Sports Medicine: Ankle Sprain Diagnosis and Treatment*

Targeted at sports medicine specialists, this book examines the use of the Hawkins test in athletic populations. It discusses the prevalence of ankle sprains in sports, the test's role in quick and accurate diagnosis, and guidelines for return-to-play decisions. Rehabilitation techniques tailored for athletes are also included.

6. *Practical Guide to Ankle Sprain Diagnosis: Emphasizing the Hawkins Test*

This practical guide is designed for medical students and junior doctors learning about ankle injuries. It provides step-by-step instructions on performing the Hawkins test and interpreting its findings. The book also includes quizzes and self-assessment tools to reinforce learning.

7. *Ankle Injury Examination Techniques: Hawkins Test and Clinical Applications*

Focusing on examination techniques, this book covers the Hawkins test in the context of a thorough ankle injury assessment. It explains how to integrate the test results with patient history and imaging studies. Clinical scenarios help readers apply knowledge to real-world cases.

8. *Rehabilitation After Ankle Sprains: Role of Diagnostic Tests Including the Hawkins Test*

This book explores the rehabilitation process following ankle sprains, highlighting the importance of accurate diagnosis with tests like the Hawkins test. It outlines stages of rehab, criteria for progression, and how diagnostic findings influence treatment plans. The text is valuable for physiotherapists and rehabilitation specialists.

9. *Advanced Diagnostic Techniques for Ankle Sprains: Hawkins Test and Imaging*

Correlation

Integrating clinical tests with imaging modalities, this book discusses the Hawkins test alongside MRI and ultrasound findings. It reviews the strengths and limitations of each diagnostic tool in ankle sprain evaluation. Radiologists and clinicians will benefit from the detailed correlation and case examples.

Hawkins Test Ankle Sprain

Find other PDF articles:

<https://explore.gcts.edu/anatomy-suggest-001/Book?trackid=PZC43-7362&title=amongus-anatomy.pdf>

hawkins test ankle sprain: Physical Diagnosis of Pain - E-BOOK Steven D. Waldman, 2024-02-05 In this easy-to-follow, how-to-do-it atlas, internationally recognized pain expert Dr. Steven D. Waldman provides a compendium of practical physical examination techniques that you can use in your daily practice to evaluate and diagnose patients in pain. *Physical Diagnosis of Pain*, 5th Edition, is the only atlas devoted to this critical area of pain medicine, offering a real-world focus on how clinicians evaluate pain: What is it? rather than Where is it?. You'll be guided step by step through the evaluation and diagnosis of more than 280 pain-related conditions based on physical signs. Concise, superbly illustrated chapters help you rapidly diagnose pathology based on physical techniques rather than relying on imaging alone. - Examines the full range of pain-related conditions in the cervical spine, shoulder, elbow, forearm, wrist and hand, chest wall, thorax and thoracic spine, lumbar spine, abdominal wall and pelvis, hip, knee, ankle and foot. - Addresses sacroiliac joint pain as well as entrapment neuropathies including carpal tunnel syndrome, tardy ulnar palsy, ilioinguinal neuralgia, and tarsal tunnel syndrome. - Follows a consistent format in each chapter for quick reference: anatomy, inspection, palpation, and range of motion, followed by relevant special tests. - Features hundreds of high-quality radiographic images, clinical photos, and color line drawings to demonstrate the physical exam clearly and simply. - Contains new content spanning 50 new conditions and their associated tests, including the Soto-Hall Test for Upper Thoracic Spine Pain, Sill Sign for Lumbar Instability, Compression Test for Sacroiliac Joint Pain, Rust Sign for Cervical Spine Instability, Linder Sign for Cervical Myelopathy, Jull Test for Cervical Strain, Shoulder Abduction Relief Test for Cervical Spine Pain, Kleiger Test for High Ankle Sprain, Valleix Sign for Posterior Tarsal Tunnel Syndrome, and more. - Includes 50+ real-time videos of Dr. Waldman and his staff performing physical examination techniques, providing expert, how-to-do-it guidance. - Any additional digital ancillary content may publish up to 6 weeks following the publication date.

hawkins test ankle sprain: Musculoskeletal Physical Examination E-Book Gerard A. Malanga, Kenneth Mautner, 2016-07-27 From an interdisciplinary author team now including orthopedic surgeons, PM&R specialists, and primary care and sports medicine experts, the second edition of *Musculoskeletal Physical Examination: An Evidence-Based Approach* educates physicians on how to give the most thorough physical examinations by understanding the why behind each type of exam. In-depth coverage of today's newest tests and techniques keeps you current in practice, and a new section titled Author's Preferred Approach guides you through difficult areas of examination. - Provides complete coverage of every musculoskeletal physical examination. - Easy-to-use tables summarize and compare the evidence for specificity and sensitivity of each test for each condition. - Utilizes over 200 illustrations to clearly depict each test. - Expert Consult eBook version included

with purchase. This enhanced eBook experience allows you to search all of the text, figures, images, and references from the book on a variety of devices. You'll also have access to over 100 in-depth videos - many new to this edition - highlighting the latest exam techniques, such as the Thessaly test, Milking test, and Bear hug test. - Distinguished author team now includes orthopedic surgeons, PM&R specialists, and primary care sports medicine experts. - New section titled Author's Preferred Approach guides readers through difficult areas of examination. - Thorough updates and revisions made throughout each chapter keep you current in the field. - Full-color figures enhance visual clarity.

hawkins test ankle sprain: Handbook of Special Tests in Musculoskeletal Examination E-Book Paul Hattam, Alison Smeatham, 2020-05-13 Despite growing reliance on imaging, clinical examination remains the bedrock of diagnosis of the musculoskeletal patient. Special tests have widespread utility particularly in sport and can often help to elucidate a patient's presentation where the lesion is subtle and otherwise difficult to detect and, in turn, guide management and treatment. Special Tests in Musculoskeletal Examination 2nd Edition is a pocketbook guide to over 100 peripheral tests. It includes: - a fully illustrated step-by-step guide to each test giving clinicians all the information they need at their fingertips. - a focussed review of the latest evidence and how this applies to practice. - use of clinical tips and expert opinion to allow clinicians to select the most appropriate test and interpret the results meaningfully. - Full review of the evidence integrated into the entire text. - New clinical context section at the start of each section making it easy to find and providing advanced background knowledge to extend the readers knowledge. - Brand new colour photography to show each test clearly throughout. - Additional tests included allowing readers to extend their knowledge and understanding.

hawkins test ankle sprain: Examination of Musculoskeletal Injuries Sandra J. Shultz, Peggy A. Houglum, David H. Perrin, 2015-11-10 Examination of Musculoskeletal Injuries, Fourth Edition With Web Resource, guides current and future athletic trainers and rehabilitation professionals through the examination and evaluation of musculoskeletal injuries both on and off the field. The text presents injury examination strategies in on-site, acute, and clinical settings and provides the information on mastering the skills needed for the Board of Certification examination for athletic trainers as determined by the sixth edition of Athletic Training Role Delineation Study/Practice Analysis for entry-level athletic trainers. This updated fourth edition contains foundational information on a wide spectrum of injuries and the appropriate tests for examining and diagnosing them. Readers will learn to obtain an accurate injury history from the patient, inspect the injury and related areas, test motion control, palpate both bone and soft tissues, and examine function in order to gauge the player's readiness to return to play. The fourth edition also includes the following enhancements: • A new online video library contains more than 51 short video clips that correspond to and demonstrate evaluation techniques for various musculoskeletal disorders found throughout the text. • Full-color photos and medical artwork have been added throughout the text to clarify testing techniques and enhance knowledge of relevant body structures. • Substantial updates provide the most recent evidence-based clinical information. • An expanded selection of special tests and injury-specific examinations are now presented in a more accessible format and include a photo or video, description of the purpose, patient and clinician positions for the test, procedures performed, and possible outcomes. The content of Examination of Musculoskeletal Injuries, Fourth Edition With Web Resource, has been restructured and focused to provide applicable information in a straightforward manner. Part I is aimed at entry-level students and presents general and introductory skills for each component of injury examination, including basic terminology and a breakdown of the examination procedure. Each component is then explored in depth along with general purposes and techniques. Part I ends by incorporating the various components into a systematic strategy for examination based on severity of injury and environment. Part II then applies the principles learned in the previous chapters to the recognition and examination of injuries organized by specific regions of the body. Each chapter includes strategies for examination immediately after an injury as well as examinations seen later in a clinical setting.

To assist student comprehension and knowledge retention, key terms are in boldface throughout the text and are defined in the glossary. Symbols throughout the text alert students to essential procedures and highlight important information. The web resource houses printable tables of special tests, examination checklists and forms that students can use in laboratory work and review sessions, and a robust video library. To aid instructors, the text includes a suite of ancillary materials featuring a test package, instructor guide, and presentation package plus image bank. Examination of Musculoskeletal Injuries, Fourth Edition With Web Resource, is an essential resource for students of athletic training and therapy as well as current practitioners in the field who wish to use evidence-based procedures in their clinical practice to ensure safe and accurate diagnoses of injuries.

hawkins test ankle sprain: Mosby's Guide to Physical Examination - E-Book Henry M. Seidel, Rosalyn W. Stewart, Jane W. Ball, Joyce E. Dains, John A. Flynn, Barry S. Solomon, 2010-03-04 Mosby's Guide to Physical Examination is a comprehensive textbook of physical examination, history-taking, and health assessment with a unique emphasis on differential diagnosis and variations across the lifespan. The book conveys a uniquely compassionate, patient-centered approach to physical examination with a strong evidence-based foundation. Clinical Pearls boxes give brief clinical insights with expert tips on techniques, findings, and patient teaching. Mnemonic boxes deliver engaging auditory, visual, and other memory cues to help you remember series of assessment or exam steps. Physical Variations boxes detail multicultural considerations for assessing patients from diverse ethnic and cultural groups. Staying Well boxes describe holistic approaches to health promotion and patient teaching. Risk Factors boxes highlight modifiable and nonmodifiable risk factors for a variety of conditions. Differential Diagnosis boxes give comparisons of expected findings for similar conditions and explain how disease presentations vary. Physical Examination boxes provide current data on the most effective techniques for delivering quality patient care. Functional Assessment boxes focus on the patient's functional abilities and present a holistic approach to patient care. Downloadable text and PDA summaries allow for quick review of the key steps in each system exam. Dynamic learning exercises on the companion website test your knowledge and provide instant feedback on your progress. Updates throughout reflect the latest research findings and evidence-based practice for techniques, normal and abnormal findings, genetics, and assessment. 60 video clips demonstrate exam techniques for each system and are downloadable for use on Video iPod devices. 25 new anatomy and physiology animations provide narrated explanations of processes beneath the skin. New audio chapter summaries, downloadable for use on MP3 players, offer a convenient way to review key content on the go. New 3-column tables featuring Pathophysiology, Subjective Data, and Objective Data provide an illustrated reference that allows for quick and accurate comparisons. 75 new illustrations and dozens of new photos of normal and abnormal findings help to clarify anatomic concepts and exam techniques.

hawkins test ankle sprain: Orthopedic & Athletic Injury Examination Handbook Chad Starkey, Sara D. Brown, 2015-04-16 Stands on its own as an easy-to-carry reference in the clinic. [Its] strengths... are its clear diagrams and the table format frequently used to present information. Athletic trainers and physical therapists will find this on-the-field or in-the-clinic handbook a useful reference with clear explanations and diagrams.—Advance for Physical Therapists and PT Assistants, review of a previous edition. Tap into easy-to-follow, step-by-step guidance on the evaluation and initial management of specific orthopedic and athletic injuries with the companion to Examination of Orthopedic and Athletic Injuries, 4th Edition. From evaluative procedures for palpation and range of motion through neurologic, ligamentous, and special tests, everything you need now in the lab, and later in the field or in the clinic, is here. It's a terrific preparation tool for the BOC examination, too.

hawkins test ankle sprain: Seidel's Guide to Physical Examination - E-Book Jane W. Ball, Joyce E. Dains, John A. Flynn, Barry S. Solomon, Rosalyn W. Stewart, 2017-12-21 - NEW! Emphasis on clinical reasoning provides insights and clinical expertise to help you develop clinical judgment skills. - NEW! Enhanced emphasis on patient safety and healthcare quality, particularly as it relates to sports participation. - NEW! Content on documentation has been updated with a stronger focus on

electronic charting (EHR/EMR). - NEW! Enhanced social inclusiveness and patient-centeredness incorporates LGBTQ patients and providers, with special emphasis on cultural competency, history-taking, and special considerations for examination of the breasts, female and male genitalia, reproductive health, thyroid, and anus/rectum/prostate. - NEW! Telemedicine, virtual consults, and video interpreters content added to the Growth, Measurement, and Nutrition chapter. - NEW! Improved readability with a clear, straightforward, and easy-to-understand writing style. - NEW! Updated drawing, and photographs enhance visual appeal and clarify anatomical content and exam techniques.

hawkins test ankle sprain: The Practical Guide to Athletic Training Ted Eaves, 2011-01-28 This text is a practical introduction to athletic training, grounded in real-world, everyday sports settings and an ideal guide for giving trainers the knowledge they need to be successful in an athletic setting. Instead of overwhelming the reader with details on all injuries and illnesses, this guide details common injuries and outlines special tests and rehab protocols that should be utilized to address those injuries. Readers will learn the various injuries an athlete may incur, the appropriate treatment and protocols to improve the athlete's ability to return to play safely, and the healing process associated with the specific injury. The text has an easy to follow format, concentrating on injuries for each major region of the lower body and then focusing on the upper body and its common injuries. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

hawkins test ankle sprain: The 5-Minute Sports Medicine Consult Mark D. Bracker, 2012-03-28 Now in its Second Edition, The 5-Minute Sports Medicine Consult is a clinically oriented quick consult reference for sports medicine. Common sports-related problems faced by primary care practitioners are thoroughly and concisely presented in the famous fast-access 5-Minute Consult format. Chapters on musculoskeletal problems cover basics; diagnosis; acute treatment, including on-field management; long-term treatment, including rehabilitation and referrals; and commonly asked questions. Other chapters address the special populations of children, adolescents, females, geriatric athletes, and disabled athletes and general medical problems in athletic individuals. Appendices include musculoskeletal radiography, office rehabilitation, and joint and soft tissue injection.

hawkins test ankle sprain: Orthopedic Clinical Examination Michael P. Reiman, 2016-01-28 Orthopedic Clinical Examination With Web Resource provides readers with fundamental knowledge for developing proficiency at performing systematic orthopedic evaluations. Michael P. Reiman, who is internationally respected for his teaching, clinical practice, and research focused on orthopedic assessment and treatment methods, presents an evidence-based guide on the examination process for various parts of the body. The text takes a structured approach, moving from broad to focused, that guides clinicians in examining each client and condition. The text presents specific components of the examination in the same sequence, ensuring repetition and improved consistency in learning. Screenings are used early in the examination sequence not only to determine the appropriateness of performing an orthopedic examination but also to rule out other potential pain generators and thereby narrow the focus of the examination. Orthopedic Clinical Examination emphasizes evidence-based practice and therefore focuses on tests that are clinically relevant, providing students and clinicians with the most appropriate testing options rather than listing tests with no regard for their clinical value. Both treatment-based and pathological-based diagnostic styles are covered in detail so that readers will gain a thorough understanding of both approaches and be able to implement them separately or in tandem. In addition to musculoskeletal testing, the text provides information on including subjective history, observation, diagnostic imaging, systems and neurological screening, and performance-based measures in each examination. The text is organized into five parts and is structured such that readers will first acquire requisite knowledge about anatomy and the examination process before advancing to acquiring specific examination skills. Part I presents information about the musculoskeletal and nervous systems as well as tissue behavior and healing. Part II introduces the principles of the examination sequence. Parts III and IV present the

region-specific examination sequence for evaluating clients, including specifics on analyzing the head, spine, and extremities. Each chapter in these two parts covers the anatomy of the region, various types of injuries that occur, specific tests and measures that can be used, and cross-references to specific case studies for further review. Part V highlights additional considerations that may be necessary for special populations during the examination process. Orthopedic Clinical Examination includes learning tools that enhance comprehension and engagement:

- Full-color photographs and illustrations demonstrate anatomy, patient conditions, and clinician positioning to serve as a visual reference and ensure proper testing techniques.
- A library of 50 videos, found in the web resource, provides students with visual demonstrations of assessments and treatments.
- Color-coding graphics throughout chapters help readers quickly discern whether evidence supporting the reported finding is ideal, good, or less than good.
- Overviews of common orthopedic conditions for each body region are in the 12 applied chapters.
- Twenty-four case studies guide users in the proper questions to ask and steps to take in conducting examinations.
- Links to abstracts of articles provide additional clinical learning scenarios. For instructors, an image bank, test package, and instructor guide with activities aid in teaching and testing students. The web resource and ancillaries are available at www.HumanKinetics.com/OrthopedicClinicalExamination. With Orthopedic Clinical Examination, current and future clinicians will gain the knowledge and confidence they need in performing examinations and making diagnoses in clinical settings.

hawkins test ankle sprain: Musculoskeletal Assessment in Athletic Training and Therapy Matthew R. Kutz, Andrea E. Cripps, American Academy of Orthopaedic Surgeons (AAOS), 2020-11-13 Written in conjunction with the American Academy of Orthopaedic Surgeons (AAOS), Musculoskeletal Assessment in Athletic Training provides a comprehensive overview of common injuries impacting the extremities and the assessments and examinations the Athletic Trainer can conduct. Unit I “Foundations” introduces the student to the foundations of examination, evaluation, and musculoskeletal diagnosis, providing a helpful recap of relevant medical terminology along the way. Units II and III delve directly into the lower and upper extremities, reviewing relevant anatomy, discussing common injuries, and discussing their assessment. Finally, Unit IV “Medical Considerations and Risk Management” provides an overview of factors to keep in mind when evaluating the lower and upper extremities, including the needs of special populations, environmental conditions, and other medical conditions that can complicate the evaluation.

hawkins test ankle sprain: Orthopedic Interventions for the Physical Therapist Assistant Maureen Raffensperg, 2019-11-05 First laying the foundation of the role of the PTA within the orthopedic plan of care, this text offers students the fundamental knowledge needed to best understand how the PT evaluates a patient. From principles of tissue healing to detailed descriptions of the most common pathologies, tests and interventions for each body region, this text prepares the PTA for best patient education and care.

hawkins test ankle sprain: Special Tests for Orthopedic Examination Jeff G. Konin, Denise Lebsack, Alison Valier, Jerome A. Isear, Jr., 2024-06-01 First published more than 20 years ago, Special Tests for Orthopedic Examination, now in its Fourth Edition, continues to follow the authors’ initial goals of providing a simple, pocket-sized manual for practical learning purposes. The Fourth Edition provides critical and invaluable information on the most current and practical special tests used during an orthopedic examination. The efficient user-friendly, spiral-bound format allows for easy access to individualized special tests. Special Tests for Orthopedic Examination, Fourth Edition includes 160 special tests, 6 of which are new: Ballottement Test Gerber’s Test (Lift-Off Test) Painful Arc Sign Thessaly Test Quad Active Test Lelli Test for Anterior Cruciate Ligament (ACL) Injuries Inside Special Tests for Orthopedic Examination Fourth Edition, Jeff G. Konin, Denise Lebsack, Alison R. Snyder Valier, and Jerome A. Isear, Jr. have included a new section on evidence, where the authors have highlighted systematic reviews, meta-analyses, or single articles to address reliability, sensitivity, and specificity of the special tests, where available. What is new and updated in the Fourth Edition: Includes a video website that provides visually enhanced dimensional and motion

analysis of each special test performed Includes 160 special tests, 6 of which are new to this edition Includes information on reliability, sensitivity, and specificity presented in a table format New evidence section highlight systematic reviews, meta-analyses, or single articles for special tests, where available New color images for each test Updated references for all tests Bonus Material! Special Tests for Orthopedic Examination, Fourth Edition includes a video website with each new book purchase. This video website offers a unique approach that provides a visually enhanced dimensional and motion analysis of each special test performed. The video segments will help students and clinicians better understand the test motion in order to perform the test accurately during an orthopedic examination. The simple yet succinct information provided throughout the manual and on the video website will help clinicians make informed decisions during an orthopedic examination, from understanding to performing and evaluating the special tests. Special Tests for Orthopedic Examination, Fourth Edition will carry on the tradition of past editions as being the premier resource for thousands of students, clinicians, and rehabilitation professionals.

hawkins test ankle sprain: Orthopedic Physical Assessment - E-Book David J. Magee, 2007-12-10 Newly updated, this full-color resource offers a systematic approach to performing a neuromusculoskeletal assessment with rationales for various aspects of the assessment. This comprehensive text covers every joint of the body, head and face, gait, posture, emergency care, the principles of assessment, and preparticipation evaluation. The latest edition of this core text is the essential cornerstone in the new four-volume musculoskeletal rehabilitation series. Thorough, evidence-based content provides the information and detail you need to select the best diagnostic tests. Extensively updated information incorporates the latest research and most current practices. Case Studies help you apply what you learn from the book to real life situations. Tables and boxes throughout the text organize and summarize important information and highlight key points. Chapter Summaries review the assessment procedures for each chapter to help you find important information quickly. Case Histories in each chapter demonstrate assessment skills to help you apply them in practice. Reliability and validity of tests and techniques included throughout help you choose assessment methods supported by current evidence. A new full-color design clearly demonstrates assessment methods, a variety of tests, and causes of pathology. A Companion CD-ROM with all of the references from the text linked to MedLine abstracts reinforces concepts from the book. Primary Care Assessment chapter includes the latest information on the constantly evolving state of physical therapy practice. Includes the most current information on the assessment of the cervical spine, hip, posture, and foot and ankle to keep you up to date on current methods of practice.

hawkins test ankle sprain: The Art of the Musculoskeletal Physical Exam John G. Lane, Alberto Gobbi, João Espregueira-Mendes, Camila Cohen Kaleka, Nobuo Adachi, 2023-06-16 This book is an invaluable resource for all those seeking to enhance their proficiency in physical examination. Emphasizing its importance for thorough assessments and accurate diagnoses, it equips practitioners with comprehensive theoretical and practical knowledge. With seven sections devoted to different orthopedic structures, the book meticulously examines their underlying anatomy, pathological conditions, and diagnostic methodologies. Each author presents joint-specific tests, and detailed anatomical insights, enabling accurate assessments and identification of underlying conditions. Written and edited by members of ISAKOS, this collaboration draws upon the expertise of leading international experts. Appealing to a broad readership, it is an invaluable tool for orthopedists, sports medicine physicians, physical therapists, athletic trainers and students.

hawkins test ankle sprain: Examination of Orthopedic & Athletic Injuries Chad Starkey, Sara D Brown, 2015-02-06 Organized by body region, each chapter begins with a review of anatomy and biomechanics; proceeds through clinical evaluation, pathologies, and related special tests; and concludes with a discussion of on-field or initial management of specific injuries

hawkins test ankle sprain: Musculoskeletal Examination of the Foot and Ankle Shepard R. Hurwitz, Selene G. Parekh, 2012 Review of the most common pathologic foot and ankle conditions, techniques for diagnosis, as well as the appropriate treatment for each condition for professionals

with all levels of clinical experience. Advanced concepts are taught in a user-friendly, clear format, while still providing necessary information for effective diagnosis and treatment of the foot and ankle.

hawkins test ankle sprain: Netter's Orthopaedic Clinical Examination E-Book Joshua Cleland, Shane Koppenhaver, Jonathan Su, 2020-12-03 Offering a thorough, highly illustrated review of the musculoskeletal physical exam, this practical guide covers relevant anatomy, pathoanatomy, and special tests using the well-known art of Dr. Frank H. Netter as well as clinical photographs. Netter's Orthopaedic Clinical Examination: An Evidence-Based Approach, 4th Edition, provides the information you need to assess the reliability and diagnostic utility of musculoskeletal physical exams and incorporate evidence into your clinical decision making. Summary tables and carefully selected references highlight best available evidence, providing a practical resource for the busy student and clinician. - Provides up-to-date, actionable summaries of available evidence so you can quickly evaluate the effectiveness of clinical tests, review recent studies, and determine which test will best predict a specific diagnosis. - Includes more than 25 videos showing movement for select tests, helping you get the most clinically significant information from the orthopaedic examination. - Presents classic Netter artwork and anatomy/biomechanics tables that enhance your understanding of the orthopedic anatomy and pathology of each joint. - Uses a practical, tabular format that provides quick access to test reliability and diagnostic utility, study quality, anatomy and biomechanics, and summary recommendations for applying evidence in practice. - Features an assessment of study quality (QUADAS) appendix and color-coded icons identifying study quality that draw your attention to top-quality studies and help you understand why some studies were included and others omitted. - Adds a scale to reliability tables, making it easy to focus on approaches and tests with the highest reliability, and includes QAREL (Quality Appraisal for Reliability Studies) checklists for each reliability study.

hawkins test ankle sprain: Gunner Goggles Family Medicine Hao-Hua Wu, Leo Wang, 2018-08-07 The Gunner Goggles Series is the first exam prep resource written by a high-scoring peer group of medical students, ensuring the most practical and efficient study guidance. It organizes topics around the USMLE and NBME content outlines for the required shelf exams and features state-of-the-art Augmented Reality (AR) mobile application to extend learning beyond the book. This innovative series features AR opportunities throughout the text for an integrated print-mobile experience that maximizes learning and test preparation. The Gunner Goggle function allows you to scan pages for integrated AR links, unlocking animations, visuals, and 3D models that clarify complex anatomy, conditions, and concepts in a remarkably effective and unique manner. Gunner Goggles Series: Family Medicine is one of seven authoritative exam preparation guides that use cutting-edge AR technology to fully prepare you for the NBME clinical shelf exams, the USMLE Step 2 Clinical Knowledge (CK) exam, and successful clinical rotations. - Topics are organized around the USMLE and NBME content outlines for specific shelf exams, and information is presented in a highly templated, concise manner. - The Augmented Reality application allows you to efficiently study and learn using an integrated print-mobile approach. In addition to unlocking animations and other visuals, AR app access also includes additional content, links to provide feedback to the authors, community pages, and more. - All test topics are covered in just enough detail to help you hone in on key points you must know for exam success. - Unique! Every disease is described by its stem clues (buzzwords that appear in question stems) and prophylactic measures (PPx), mechanism (MoD), diagnostic tests (Dx) and treatment/management principles (Tx/Mgmt) - the four Physician Tasks that the NBME requires students to know about each disease. - You'll also get real-world tips for your clinical rotations from your peers - information that won't show up on the shelf exam but is ideal for maximum impact when on rounds (knowing the prognosis for a specific disease, for example). - Plus ... effective study techniques, sample study schedules, tips and tricks to better retain information learned from review questions, and methods to self-generate mnemonics. - Edited, written, and crowdsourced by high-performing medical students and residents and reviewed by experts in the field to ensure accuracy, relevancy, and accessibility. Titles in the

Gunner Goggles series: Family Medicine • Print ISBN: 978-0-323-51034-9 • e-Book ISBN: 978-0-323-52756-9
Medicine • Print ISBN: 978-0-323-51035-6 • e-Book ISBN: 978-0-323-52758-3
Neurology • Print ISBN: 978-0-323-51036-3 • e-Book ISBN: 978-0-323-52760-6
Ob-Gyn • Print ISBN: 978-0-323-51037-0 • e-Book ISBN: 978-0-323-52768-2
Pediatrics • Print ISBN: 978-0-323-51038-7 • e-Book ISBN: 978-0-323-52763-7
Psychiatry • Print ISBN: 978-0-323-51039-4 e-Book ISBN: 978-0-323-52765-1
Surgery • Print ISBN: 978-0-323-51040-0 • e-Book ISBN: 978-0-323-52767-5

hawkins test ankle sprain: The Muscle and Bone Palpation Manual with Trigger Points, Referral Patterns and Stretching - E-Book Joseph E. Muscolino, 2022-03-25 Build the clinical reasoning and clinical judgment skills you need for effective muscle palpation! The Muscle and Bone Palpation Manual with Trigger Points, Referral Patterns, and Stretching, 3rd Edition provides an in-depth guide to the art and science of palpation, along with clear instructions for massage assessment and treatment techniques. It describes how to palpate, how to stretch, and how to utilize trigger points, preparing you for practice with coverage of ligaments, all major massage strokes and draping methods, and a thorough chapter on body mechanics. Written by noted lecturer and educator Joseph Muscolino, this text includes access to an Evolve website with more than four hours of video demonstrating muscle palpations. - Step-by-step muscle palpation coverage makes it easy to understand and remember each step of palpation techniques. - UNIQUE! Coverage of stretching describes the role of stretching as part of effective treatment, with drawings of self-care stretches presented alongside therapist-assisted stretches. - General muscle information includes attachments, actions, and a drawing of the individual muscle. - Full-color photos and illustrations show palpation of muscles, exactly how the muscles look, and where the muscle is located underneath the skin as it is being palpated. - Illustrations of trigger points and referral patterns make it easier to identify locations, showing where trigger points lie on the muscle and where pain radiates when an injury is felt. - Coverage of bone palpation teaches you to identify and palpate bones and bony landmarks. - Assessment and massage treatment strokes are shown in illustrations and in the Palpation Notes, moving you from theory and assessment to practical application. - Case studies in each chapter emphasize critical thinking and clinical reasoning, allowing you to apply your knowledge to the practice setting. - Deeper Thoughts questions challenge your reasoning skills. - Measurable objectives at the start of each chapter identify key goals and are accompanied by a chapter overview, outline, and key terms. - NEW and UNIQUE! Chapter on orthopedic assessment is added to this edition. - NEW video lessons on the Evolve website feature Dr. Joe demonstrating bone and muscle palpation protocols.

Related to hawkins test ankle sprain

Quality Chemicals, Ingredients, Equipment & Service - Hawkins Hawkins, Inc. was founded in 1938 and is a leading water treatment and specialty ingredients company that formulates, manufactures, distributes and blends products for its Water

Water Treatment Locations - Hawkins NC, Bern - Hawkins Water Treatment Branch Office 1885 Old Airport Road Bern, NC 28562 Get Directions NC, Wilson - Hawkins Water Treatment Branch Office 1903 Herring Ave E Wilson,

About Us - Hawkins Hawkins is a formulator, manufacturer, blender, distributor, and sales agent for thousands of industrial chemicals and reagent grade laboratory chemicals sold to municipalities and

Hawkins' Locations Hawkins Has Been Serving Customers For Over 85 Years. We have multiple locations and a dedicated team ready to help you

Water Treatment Chemicals, Equipment & Service - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of water treatment chemicals, equipment and local service. We are a domestic source, and we

Chlorine Room Best Practices: A Blueprint for Safety and Efficiency At Hawkins, Inc., we are committed to providing the best practices and solutions for chlorine management, supporting our customers in maintaining secure and effective water

Investor Relations - Hawkins Hawkins, Inc. was founded in 1938 and is a leading specialty chemical and ingredients company that formulates, distributes, blends and manufactures products for its Industrial, Water

Hawkins, Inc. Expands Water Treatment Footprint with Acquisition February 3, 2025 — Hawkins, Inc. (Nasdaq: HWKN), a leading water treatment and specialty ingredients company, has completed the acquisition of the assets of Amerochem Corporation

Florida - Apopka - 2263 Clark Street - Hawkins Copyright © 2025 Hawkins. All rights reserved. | Privacy Policy | Terms of Use | Terms and Conditions | Transportation Quality Expectations Manual

Industrial Chemicals Supplier & Distributor - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of ingredients. We are a domestic source, and we only sell to companies, municipalities,

Quality Chemicals, Ingredients, Equipment & Service - Hawkins Hawkins, Inc. was founded in 1938 and is a leading water treatment and specialty ingredients company that formulates, manufactures, distributes and blends products for its Water

Water Treatment Locations - Hawkins NC, Bern - Hawkins Water Treatment Branch Office 1885 Old Airport Road Bern, NC 28562 Get Directions NC, Wilson - Hawkins Water Treatment Branch Office 1903 Herring Ave E Wilson,

About Us - Hawkins Hawkins is a formulator, manufacturer, blender, distributor, and sales agent for thousands of industrial chemicals and reagent grade laboratory chemicals sold to municipalities and

Hawkins' Locations Hawkins Has Been Serving Customers For Over 85 Years. We have multiple locations and a dedicated team ready to help you

Water Treatment Chemicals, Equipment & Service - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of water treatment chemicals, equipment and local service. We are a domestic source, and we

Chlorine Room Best Practices: A Blueprint for Safety and Efficiency At Hawkins, Inc., we are committed to providing the best practices and solutions for chlorine management, supporting our customers in maintaining secure and effective water

Investor Relations - Hawkins Hawkins, Inc. was founded in 1938 and is a leading specialty chemical and ingredients company that formulates, distributes, blends and manufactures products for its Industrial, Water

Hawkins, Inc. Expands Water Treatment Footprint with Acquisition February 3, 2025 — Hawkins, Inc. (Nasdaq: HWKN), a leading water treatment and specialty ingredients company, has completed the acquisition of the assets of Amerochem Corporation

Florida - Apopka - 2263 Clark Street - Hawkins Copyright © 2025 Hawkins. All rights reserved. | Privacy Policy | Terms of Use | Terms and Conditions | Transportation Quality Expectations Manual

Industrial Chemicals Supplier & Distributor - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of ingredients. We are a domestic source, and we only sell to companies, municipalities,

Quality Chemicals, Ingredients, Equipment & Service - Hawkins Hawkins, Inc. was founded in 1938 and is a leading water treatment and specialty ingredients company that formulates, manufactures, distributes and blends products for its Water

Water Treatment Locations - Hawkins NC, Bern - Hawkins Water Treatment Branch Office 1885 Old Airport Road Bern, NC 28562 Get Directions NC, Wilson - Hawkins Water Treatment Branch Office 1903 Herring Ave E Wilson,

About Us - Hawkins Hawkins is a formulator, manufacturer, blender, distributor, and sales agent for thousands of industrial chemicals and reagent grade laboratory chemicals sold to municipalities and

Hawkins' Locations Hawkins Has Been Serving Customers For Over 85 Years. We have multiple locations and a dedicated team ready to help you

Water Treatment Chemicals, Equipment & Service - Hawkins Hawkins is a reliable, business-

to-business supplier, manufacturer, blender, and distributor of water treatment chemicals, equipment and local service. We are a domestic source, and we

Chlorine Room Best Practices: A Blueprint for Safety and Efficiency At Hawkins, Inc., we are committed to providing the best practices and solutions for chlorine management, supporting our customers in maintaining secure and effective water

Investor Relations - Hawkins Hawkins, Inc. was founded in 1938 and is a leading specialty chemical and ingredients company that formulates, distributes, blends and manufactures products for its Industrial, Water

Hawkins, Inc. Expands Water Treatment Footprint with Acquisition February 3, 2025 — Hawkins, Inc. (Nasdaq: HWKN), a leading water treatment and specialty ingredients company, has completed the acquisition of the assets of Amerochem Corporation

Florida - Apopka - 2263 Clark Street - Hawkins Copyright © 2025 Hawkins. All rights reserved. | Privacy Policy | Terms of Use | Terms and Conditions | Transportation Quality Expectations Manual

Industrial Chemicals Supplier & Distributor - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of ingredients. We are a domestic source, and we only sell to companies, municipalities,

Quality Chemicals, Ingredients, Equipment & Service - Hawkins Hawkins, Inc. was founded in 1938 and is a leading water treatment and specialty ingredients company that formulates, manufactures, distributes and blends products for its Water

Water Treatment Locations - Hawkins NC, Bern - Hawkins Water Treatment Branch Office 1885 Old Airport Road Bern, NC 28562 Get Directions NC, Wilson - Hawkins Water Treatment Branch Office 1903 Herring Ave E Wilson,

About Us - Hawkins Hawkins is a formulator, manufacturer, blender, distributor, and sales agent for thousands of industrial chemicals and reagent grade laboratory chemicals sold to municipalities and

Hawkins' Locations Hawkins Has Been Serving Customers For Over 85 Years. We have multiple locations and a dedicated team ready to help you

Water Treatment Chemicals, Equipment & Service - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of water treatment chemicals, equipment and local service. We are a domestic source, and we

Chlorine Room Best Practices: A Blueprint for Safety and Efficiency At Hawkins, Inc., we are committed to providing the best practices and solutions for chlorine management, supporting our customers in maintaining secure and effective water

Investor Relations - Hawkins Hawkins, Inc. was founded in 1938 and is a leading specialty chemical and ingredients company that formulates, distributes, blends and manufactures products for its Industrial, Water

Hawkins, Inc. Expands Water Treatment Footprint with Acquisition February 3, 2025 — Hawkins, Inc. (Nasdaq: HWKN), a leading water treatment and specialty ingredients company, has completed the acquisition of the assets of Amerochem Corporation

Florida - Apopka - 2263 Clark Street - Hawkins Copyright © 2025 Hawkins. All rights reserved. | Privacy Policy | Terms of Use | Terms and Conditions | Transportation Quality Expectations Manual

Industrial Chemicals Supplier & Distributor - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of ingredients. We are a domestic source, and we only sell to companies, municipalities,

Quality Chemicals, Ingredients, Equipment & Service - Hawkins Hawkins, Inc. was founded in 1938 and is a leading water treatment and specialty ingredients company that formulates, manufactures, distributes and blends products for its Water

Water Treatment Locations - Hawkins NC, Bern - Hawkins Water Treatment Branch Office 1885 Old Airport Road Bern, NC 28562 Get Directions NC, Wilson - Hawkins Water Treatment Branch Office 1903 Herring Ave E Wilson,

About Us - Hawkins Hawkins is a formulator, manufacturer, blender, distributor, and sales agent

for thousands of industrial chemicals and reagent grade laboratory chemicals sold to municipalities and

Hawkins' Locations Hawkins Has Been Serving Customers For Over 85 Years. We have multiple locations and a dedicated team ready to help you

Water Treatment Chemicals, Equipment & Service - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of water treatment chemicals, equipment and local service. We are a domestic source, and we

Chlorine Room Best Practices: A Blueprint for Safety and Efficiency At Hawkins, Inc., we are committed to providing the best practices and solutions for chlorine management, supporting our customers in maintaining secure and effective water

Investor Relations - Hawkins Hawkins, Inc. was founded in 1938 and is a leading specialty chemical and ingredients company that formulates, distributes, blends and manufactures products for its Industrial, Water

Hawkins, Inc. Expands Water Treatment Footprint with Acquisition February 3, 2025 — Hawkins, Inc. (Nasdaq: HWKN), a leading water treatment and specialty ingredients company, has completed the acquisition of the assets of Amerochem Corporation

Florida - Apopka - 2263 Clark Street - Hawkins Copyright © 2025 Hawkins. All rights reserved. | Privacy Policy | Terms of Use | Terms and Conditions | Transportation Quality Expectations Manual

Industrial Chemicals Supplier & Distributor - Hawkins Hawkins is a reliable, business-to-business supplier, manufacturer, blender, and distributor of ingredients. We are a domestic source, and we only sell to companies, municipalities,

Related to hawkins test ankle sprain

Rory McIlroy could test ankle in practice round (6abc News10y) Rory McIlroy is set to test his injured left ankle on Saturday with a practice round at Whistling Straits, according to a Reuters report. Whistling Straits will be the site of next week's PGA

Rory McIlroy could test ankle in practice round (6abc News10y) Rory McIlroy is set to test his injured left ankle on Saturday with a practice round at Whistling Straits, according to a Reuters report. Whistling Straits will be the site of next week's PGA

Back to Home: <https://explore.gcts.edu>