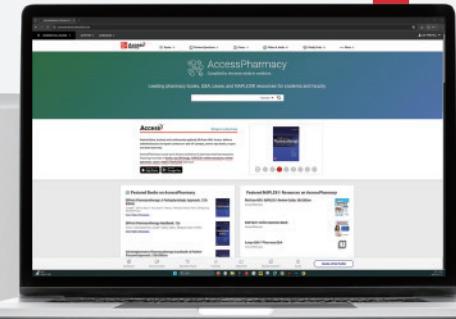


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User Guide

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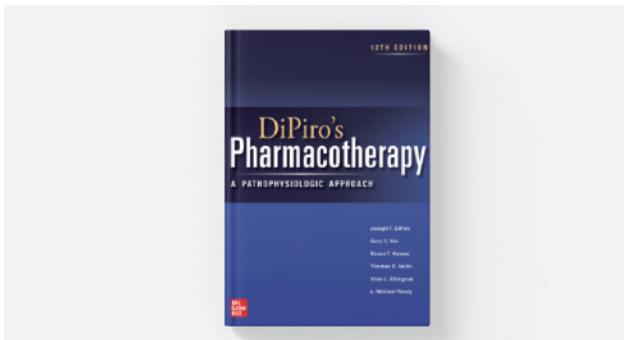
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Textbooks

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List

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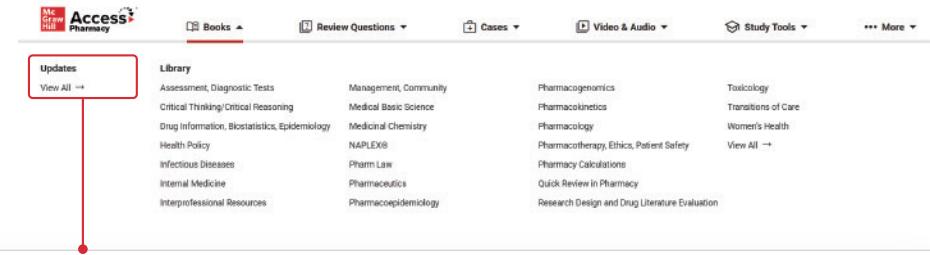
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Updates

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All resources

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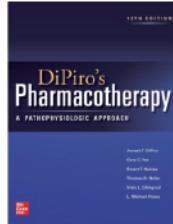
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1 + SECTION 1: Foundation Issues

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+ SECTION 5: Respiratory Disorders

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2 **Multimedia**

Practicing in a Pandemic
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21 mins, 49 secs

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Annotate

The screenshot shows a chapter page for 'Chapter e2: Health Literacy and Medication Use' from the book 'DiPiro's Pharmacotherapy: A Pathophysiologic Approach, 12th Edition'. The page includes a navigation bar with 'Home', 'Books', 'DiPiro's Pharmacotherapy: A Pathophysiologic Approach, 12th Edition', 'Previous Chapter', and 'Next Chapter'. Below the navigation is the chapter title 'Chapter e2: Health Literacy and Medication Use' with a star icon. A book cover thumbnail for 'DiPiro's Pharmacotherapy' is displayed. A toolbar below the title includes 'Sections', 'Download Chapter PDF', 'Share', 'Get Citation', 'Search Book', and 'Annotate'. A navigation menu at the bottom of the page includes 'Full Chapter', 'Figures', and 'Tables'. The content area features sections like '+ KEY CONCEPTS', '+ BEYOND THE BOOK', and '- INTRODUCTION'. The introduction section contains a paragraph about medication non-adherence and a callout box with a definition of health literacy.

Every day, thousands of patients are not taking their medications correctly. Some take too much. Others take too little. Some use a tablespoon instead of a teaspoon. Parents pour an oral antibiotic suspension in their child's ear instead of giving it by mouth because it was prescribed for an ear infection. Others are in the emergency department because they did not know how to use their asthma inhaler. It is not a deliberate revolt against the doctor's orders but rather a likely and an unfortunate result of a hidden risk factor—limited health literacy.

① *Literacy*, at the basic level, is simply the ability to read and write. When these skills are applied to a health context, it is called *health literacy*, but health literacy is more than just reading and writing. The definition of health literacy has evolved from that of the Institute of Medicine in 2004 as some have questioned its meaning and point out the lack of consensus on what it represents.¹ To update and address health literacy in Healthy People 2^r definitions that address both personal and

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BEYOND THE BOOK

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PREVALENCE

GROUPS AT HIGH RISK

CONSEQUENCES

SHORTCOMINGS OF CURRENT SAFE MEDICATION PRACTICES

METHODS FOR IDENTIFYING PATIENTS WITH LIMITED HEALTH LITERACY

STRATEGIES FOR CLEAR COMMUNICATION ON MEDICATION MANAGEMENT

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Chapter e2: Health Literacy and Medication Use

Oralia V. Bazaldua; Norbert Rosario; Erica Torres

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+ KEY CONCEPTS ☆ ✉

+ BEYOND THE BOOK ☆ ✉

- INTRODUCTION ☆ ✉

Listen ▶ knowledge, and human understanding. Tact, sympathy, and understanding are expected of the physician, for the patient is no mere collection of symptoms, signs, disordered functions, damaged organs, and disturbed emotions. [The patient] is human, fearful and hopeful, seeking relief, help, and reassurance.

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Citation

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Bazaldua OV, Rosario N, Torres E. Health Literacy and Medication Use. In: DiPiro JT, Yee GC, Haines ST, Nolin TD, Ellingrod VL, Posey L, eds. *DiPiro's Pharmacotherapy: A Pathophysiologic Approach*, 12th Edition. McGraw Hill; 2023. Accessed April 14, 2025.
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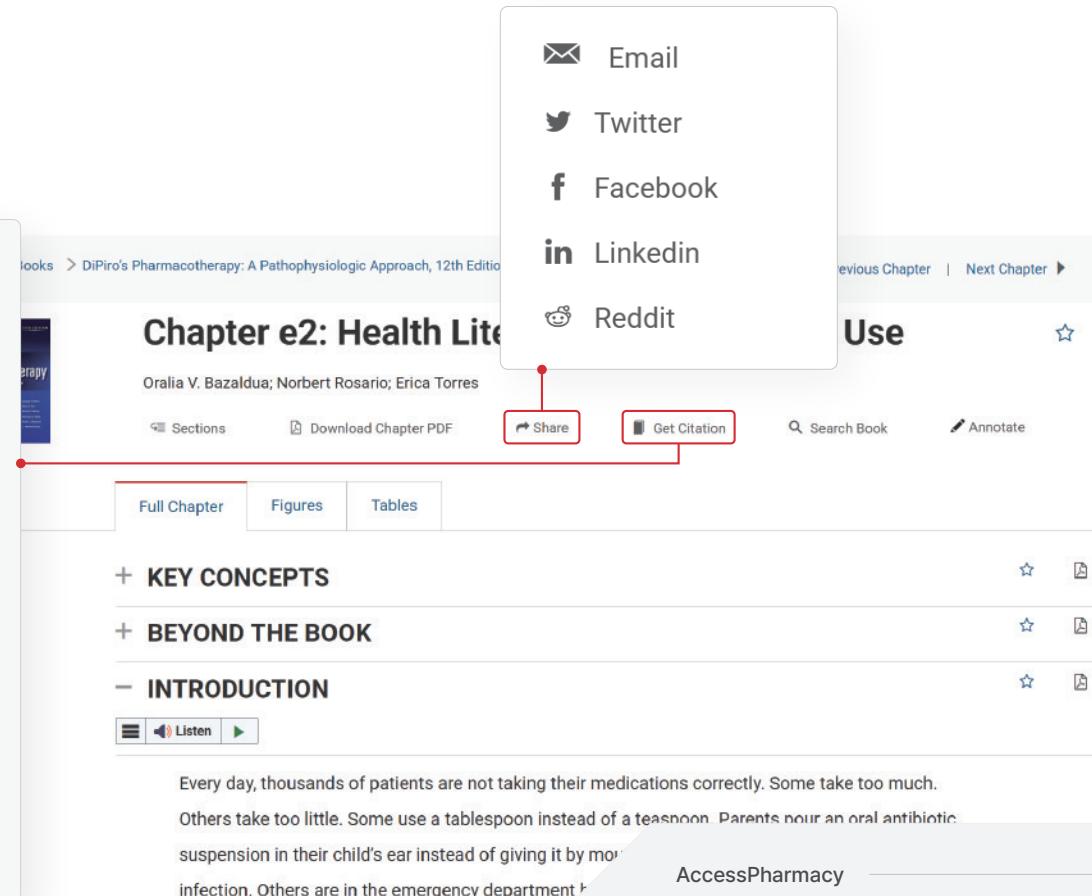
Bazaldua O.V., & Rosario N. & Torres E (2023). Health literacy and medication use. DiPiro J.T., & Yee G.C., & Haines S.T., & Nolin T.D., & Ellingrod V.L., & Posey L(Eds.), *DiPiro's Pharmacotherapy: A Pathophysiologic Approach*, 12th Edition. McGraw Hill. <https://accesspharmacy.mhmedical.com/content.aspx?bookid=3097§ionid=269804199>

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Bazaldua, Oralia V., et al. "Health Literacy and Medication Use." *DiPiro's Pharmacotherapy: A Pathophysiologic Approach*, 12th Edition. Eds. Joseph T. DiPiro, et al. McGraw Hill, 2023,
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The screenshot shows a chapter page from AccessPharmacy. At the top, there are navigation links for 'Books' and 'DiPiro's Pharmacotherapy: A Pathophysiologic Approach, 12th Edition'. Below the title 'Chapter e2: Health Literacy' are author names: Oralia V. Bazaldua, Norbert Rosario, and Erica Torres. The page includes a 'Share' button and a 'Get Citation' button, which is highlighted with a red box. A large callout box on the right lists sharing options: Email, Twitter, Facebook, LinkedIn, and Reddit. Below the title, there are buttons for 'Sections', 'Download Chapter PDF', 'Share', and 'Get Citation'. A red line connects the 'Get Citation' button on the main page to the 'Get Citation' button in the callout box. Below the title, there are sections for 'KEY CONCEPTS', 'BEYOND THE BOOK', and 'INTRODUCTION', each with a 'Listen' button. A text box at the bottom contains a paragraph about medication use and a 'AccessPharmacy' logo.

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Books > DiPiro's Pharmacotherapy: A Pathophysiologic Approach, 12th Edition

Chapter e2: Health Literacy

Oralia V. Bazaldua; Norbert Rosario; Erica Torres

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BEYOND THE BOOK

INTRODUCTION

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Every day, thousands of patients are not taking their medications correctly. Some take too much. Others take too little. Some use a tablespoon instead of a teaspoon. Parents pour an oral antibiotic suspension in their child's ear instead of giving it by mouth. Infection. Others are in the emergency department.

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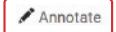
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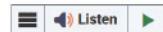
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- INTRODUCTION



Every day, thousands of patients are not taking their medications correctly. Some take too much.
Others take too little. Some use a tablespoon instead of a teaspoon. Parents pour an oral

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[Semaglutide and Knee Osteoarthritis](#)

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② 특정 약물 관련 정보 링크 제공

③ References 제공으로, 주제 관련 원문 접근 가능

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3. Perkovic V, Tuttle KR, Rossing P, et al. Effects of semaglutide on chronic kidney disease in patients with type 2 diabetes. *N Engl J Med.* 2024;391:109–121
4. Swamy S, Noor SM, Mathew RO. Cardiovascular disease in diabetes and chronic kidney disease. *Med.* 2023 November 8;12(22):6984. doi: 10.3390/jcm12226984. PMID: 38002599; PMCID: PMC1
5. Mahapatra MK, Karuppasamy M, Sahoo BM. Semaglutide, a glucagon like peptide-1 receptor agonist with cardiovascular benefits for management of type 2 diabetes. *Rev Endocr Metab Disord.* 2022 June;23(3):521–539. doi: 10.1007/s11154-021-09699-1. Epub 2022 Jan 7. PMID: 34993760; PMCID: PMC8736331.

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1 More Evidence for the Effect of Semaglutide on Renal and Cardiovascular Outcomes in Patients with Diabetes

by Nataly Davila, The University of Incarnate Word Feik School of Pharmacy; Samantha O'Brien, PharmD Candidate 2025, The University of Incarnate Word Feik School of Pharmacy; Paige Parsons, PharmD, BCACP, BC-ADM, The University of Incarnate Word Feik School of Pharmacy

Listen

Diabetes is the leading cause of kidney failure, accounting for 44% of new cases, with over 29 million people in the United States affected, including 8 million who remain undiagnosed.¹ More than 247,000 individuals are currently living with kidney failure due to diabetes, as longstanding, poorly controlled diabetes is a major contributor of renal impairment and other complications.² Currently, of medications widely used to control glucose, only the sodium-glucose cotransporter 2 (SGLT2) inhibitors are proven to provide robust benefit on renal outcomes in patients with chronic kidney disease. The FLOW trial (Effects of Semaglutide on Chronic Kidney Disease and Type 2 Diabetes)³ was designed to evaluate whether semaglutide, a glucagon-like peptide 1 (GLP-1) receptor agonist, can reduce the risk of clinically relevant kidney outcomes and cardiovascular (CV) death in patients with type 2 diabetes mellitus (T2DM) and chronic kidney disease (CKD), particularly those with advanced CKD (stages 3a and above).⁴ Semaglutide exerts its effects through multiple mechanisms, including enhancing insulin secretion, inhibiting glucagon release, and reducing hepatic gluconeogenesis, thereby improving blood glucose control, and promoting weight loss.⁵

The FLOW trial was a randomized, double-blind, event driven, multicentered, placebo-controlled, intention to treat study. Patients eligible to participate were adults over the age of 18 who were diagnosed with T2DM (HbA1c ≤ 10%), high-risk CKD defined as estimated glomerular filtration rate (eGFR) greater than 50 to less than 75 mL/min/1.73 m² plus urinary albumin to creatinine ratio (UACR) greater than 300 to less than 5000 mg/g, or eGFR greater than 25 to less than 50 mL/min/1.73 m² plus UACR greater than 100 to less than 5000 mg/g, and on stable therapy with an angiotensin-converting enzyme (ACE) inhibitor or renin angiotensin receptor blocker (ARB).

약물정보데이터베이스

Drug Monographs

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1 성분명 (Generics)

2 상품명 (Trade Names)

3 약물계열 (Drug Classes)

4 Patient Handouts 유인물 제공



Drug Monographs

All Drugs

Generics

Trade Names

Drug Classes

Patient Handouts

All Drugs

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A.E.R. Witch Hazel [OTC]
A+D Original [OTC]
A-200 Lice Treatment Kit [OTC]
A-25 [OTC]
AA-Adefovir
AA-Atenadine
AA-Diltiaz
AA-Feno-Super
AA-Levocarb CR
AA-RISEDRONATE DR
AA-AVD (Hodgkin)
Abacavir and Lamivudine
Abacavir, Lamivudine, and Zidovudine
Abatacept
ABDEK [OTC]
Abecma
Abemaciclib
Abemamy
Abilify Asimtufi
Abilify MyCite [DSC]
Abilify MyCite Starter Kit
Abiraterone Acetate
Abirtega
AbobotulinumtoxinA

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Drug Monographs

약물 정보 예시 및 요약

1 약물 정보 제공

- 관련 임상 약리학(Clinical Pharmacology)
- 적응증 및 사용법(Indications and Usage)
- 금기사항(Contraindications)
- 부작용(Adverse Reactions)
- 약물 상호작용(Drug Interactions)
- 복용량(Dosing) 등

Abatacept

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[Clinical Pharmacology](#)
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Storage & Compatibility
[Monitoring](#)
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References

Mechanism of Action

Abatacept is a selective costimulation modulator; it inhibits T-cell (T-lymphocyte) activation by binding to CD80 and CD86 on antigen presenting cells (APC), thus blocking the required CD28 interaction between APCs and T cells. Activated T lymphocytes are found in the synovium of patients with rheumatoid arthritis, polyarticular juvenile idiopathic arthritis, and psoriatic arthritis. Costimulation blockade has a role in preventing graft-versus-host disease (Watkins 2021).

Pharmacokinetics (Adult Data Unless Noted)

Distribution: V_{ss} : Rheumatoid arthritis (RA): IV: 0.07 L/kg (range: 0.02 to 0.13 L/kg); acute graft-versus-host disease (aGVHD) prophylaxis: 0.13 to 0.17 L/kg

Abatacept

Basics

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Pregnancy & Lactation
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References

Images



Formulation Details

Description

Orencia [B-M SQUIBB U.S. (PRIMARY CARE)] 250 mg

View all

Name

Abatacept

Pronunciation

(ab a TA sept)

Brand Names: US

- Orencia
- Orencia ClickJect

Pharmacologic Category

- Antirheumatic, Disease Modifying
- Selective T-Cell Costimulation Blocker

Medication Safety Issues

Sound-alike/look-alike issues:

Orencia may be confused with Oracea

Drug Monographs

약물 정보 유인물 제공

1 국가별 약물명

2 주의사항

3 약물 주요 사용처

4 복용 전 주의사항

5 복용방법

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Drug Monographs

All Drugs
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A B C D E F G H I J K L M N O P Q R S T U V W Y

Language: English | Spanish

Abacavir

Abacavir and Lamivudine

Abacavir, Lamivudine, and Zidovudine

Abatacept

Abacavir

 Print Section

Pronunciation

(a BAK a veer)

Brand Names: U.S.

- Ziagen

Brand Names: Canada

- Ziagen®

Warning

- Unsafe and sometimes deadly allergic effects may happen with this drug. Tell your doctor about any fever, rash, feeling tired, upset stomach, throwing up, loose stools, belly pain, flu-like signs, sore throat, cough, or trouble breathing. Do not restart this drug if you have had an allergic reaction.
- The chance of allergic effects is raised in people who have a certain gene called HLA-B*5701. Your doctor may check your blood work before you start this drug. Talk with your doctor.
- This drug may rarely cause swollen liver and an acid health problem in the blood. This may be deadly in some cases. The chance may be higher in women, in overweight people, and in people who have taken drugs like this one for a long time. Talk with your doctor.

What is this drug used for?

- It is used to treat HIV infection.

What do I need to tell my doctor BEFORE I take this drug?

- If you have an allergy to abacavir or any other part of this drug.
- If you are allergic to any drugs like this one, any other drugs, foods, or other substances. Tell your doctor about the allergy and what signs you had, like rash; hives; itching; shortness of breath; wheezing; cough; swelling of face, lips, tongue, or throat; or any other signs.
- If you have liver disease.
- If you are taking another drug that has the same drug in it.
- This is not a list of all drugs or health problems that interact with this drug.
- Tell your doctor and pharmacist about all of your drug problems. You must check to make sure that it is safe to take this drug with your other drugs. Do not start, stop, or change the dose of any drug without your doctor's advice.

재미있고 흥미로운 문제풀이 및 학습 Tool

Review Questions

기초 과학 및 임상 실습 범주별로 분류된
랜덤 및 맞춤형 복습 문제 생성!

[Review Questions →](#)

Review Questions 기능

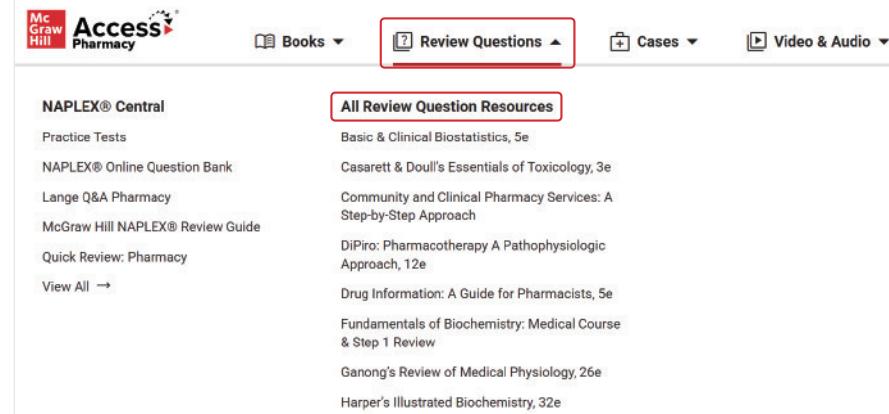
Textbook 기반의 재미있고 흥미로운 문제풀이 및 학습 Tool

💡 수천 개의 리뷰 Q&A 제공

📘 Textbook을 활용한 기초 과학 및 임상 실습 카테고리별
랜덤 또는 맞춤형 복습 문제 생성 기능

💻 문제 답변 및 설명 제공

🌐 문제 풀이 공유 기능 및 Retake 기능



McGraw Hill Access Pharmacy

Books ▾ Review Questions ▾ Cases ▾ Video & Audio ▾

NAPLEX® Central

- Practice Tests
- NAPLEX® Online Question Bank
- Lange Q&A Pharmacy
- McGraw Hill NAPLEX® Review Guide
- Quick Review: Pharmacy
- [View All →](#)

All Review Question Resources

- Basic & Clinical Biostatistics, 5e
- Casarett & Doull's Essentials of Toxicology, 3e
- Community and Clinical Pharmacy Services: A Step-by-Step Approach
- DiPiro: Pharmacotherapy A Pathophysiologic Approach, 12e
- Drug Information: A Guide for Pharmacists, 5e
- Fundamentals of Biochemistry: Medical Course & Step 1 Review
- Ganong's Review of Medical Physiology, 26e
- Harper's Illustrated Biochemistry, 32e

Generate multiple-choice quizzes from the resources below.



Basic & Clinical Biostatistics, 5e

55 Questions



Casarett & Doull's Essentials of Toxicology, 3e

340 Questions



Community and Clinical Pharmacy Services: A Step-by-Step Approach

113 Questions



DiPiro: Pharmacotherapy A Pathophysiologic Approach, 12th Edition

2500 Questions



Drug Information: A Guide for Pharmacists, 6e

397 Ques*

AccessPharmacy

Review Questions 기능

Random Quiz & Custom Quiz

① 랜덤하게 문제 생성 가능

② Textbook 섹션별 맞춤형 문제 생성 가능

Question 1 of 10

A 54-year-old man with a past medical history of asthma and migraines presents to the clinic complaining of dizziness and palpitations that have been occurring for the past 2 to 3 days. An ECG reveals that he is in atrial fibrillation (HR = 90 beats/min). Which option would be the most appropriate stroke prevention strategy for this patient?

- A Aspirin
- B Apixaban
- C Clopidogrel
- D No antithrombotic therapy is needed

[Submit & View Answer](#)

[Submit & View Next Question](#)

End quiz and return to DiPiro: Pharmacotherapy A Pathophysiologic Approach, 12th Edition
Review Questions

Study Tools

- [Flashcards](#)
- [All Review Questions](#)
- [Top 300 Prescription Drug Challenge](#)
- [Top 300 Drugs Flashcards](#)
- [Pharmacotherapy Flash Cards](#)
- [Medical Terminology Flashcards](#)
- [Top 100 Nonprescription Drug Cards](#)
- [Top 200 Injectable Flashcards](#)
- [Top 100 Nonprescription Drug Challenge](#)



DiPiro: Pharmacotherapy A Pathophysiologic Approach, 12th Edition

Joseph T. DiPiro, Gary C. Yee, Stuart T. Haines, Thomas D. Nolin, Vicki L. Ellingrod, L. Michael Posey
Copyright | Editors

[Go to Book](#)

NOTE: A quiz may not include more than 250 questions. Quizzes cannot be saved mid-progress.

① Create Random Quiz

of 2500 available
[Start Random Quiz](#)

② Create Custom Quiz

Generate a custom quiz by selecting a number of questions from the available topics below, and clicking "Start Custom Quiz" when ready.

[Start Custom Quiz](#)

Foundation Issues

of 105 available [Section 1: Foundation Issues](#)

Common Health Problems

of 165 available [Section 2: Common Health Problems](#)

Special Populations

of 125 available [Section 3: Special Populations](#)

Cardiovascular Disorders

of 230 available [Section 4: Cardiovascular Disorders](#)

Respiratory Disorders

of 95 available [Section 5: Respiratory Disorders](#)

Gastrointestinal Disorders

of 163 available [Section 6: Gastrointestinal Disorders](#)

Renal Disorders

of 193 available [Section 7: Renal Disorders](#)

Neurologic Dis

of 135

AccessPharmacy

Review Questions 기능

Quiz 풀이

1 보기 선택 후 제출

Question 1 of 1

Of the following choices, the most appropriate way to determine how to communicate with a patient from a different culture and language than your own is to:

- A Provide as much information as possible to demonstrate professional competency
- B Use a variety of written resources about the culture of the patient before the visit and use only this information to conclude your treatment approach
- C Talk to the bilingual staff members and ask how they would want to be treated
- D Treat the patient as they would want to be treated and use a trained interpreter

[Submit & View Answer](#) [Complete Quiz and View Results](#)

2 정답 및 풀이 제공

* 문제에 대한 출처는 풀이 하단의 링크(Source)를 통해 확인 가능

3 Email로 결과 공유하기 기능

4 Retake 기능

5 결과 Print 기능

Question 1: Incorrect

Of the following choices, the most appropriate way to determine how to communicate with a patient from a different culture and language than your own is to:

- A Provide as much information as possible to demonstrate professional competency
- B Use a variety of written resources about the culture of the patient before the visit and use only this information to conclude your treatment approach
- C Talk to the bilingual staff members and ask how they would want to be treated
- D Treat the patient as they would want to be treated and use a trained interpreter

2

The correct answer is D. You answered B.

Explanation:

The answer is D. Although exploring information about various cultures can serve as a guide when working with patients from different backgrounds, care should be individualized. Clinicians can apply the mantra "treat others as they would want to be treated" (also known as the Platinum Rule as discussed in the Cultural Values and Beliefs section of Chapter e3). Thus, Answer Choice D is the best answer to this question.

 80% of users answered correctly.

Source: DiPiro: Pharmacotherapy A Pathophysiologic Approach, 12th Edition

3 [Email Results](#)

Return to Top of Results

4 [Retake](#)

5 [Print Results](#)

실제 사례로 배우고, 진단하고, 마스터하라!

사례 기반 학습 Tool

환자 기록, 시나리오, 핵심임상정보,
단답형 질문, 참고문헌 제공

[Case Collections](#) →

사례 기반

나선형 학습 교육 과정 제공

사례별 환자 병력, 해당 신체 계통 검토, 단답형 질문, 핵심임상정보 및 레퍼런스 제공

Cases

South African Cases in Pharmacy:
A Patient-Focused Approach



Top 125 Drug Card Case Quiz

Katzung Pharmacology Cases

Pharmacotherapy Casebook and
Care Plans

Standardized Patient Cases

Pharmacogenomics: A Primer for
Clinicians

Transitions of Care in Pharmacy
Casebook

Pharmacy Practice and Tort Law

Case Files®: Pharmacology

G&G Pharm Cases

Pathophysiology Cases

Pharmacotherapy Casebook: A Patient-Focused Approach 12th Edition

Author(s): Terry L. Schwinghammer; Julia M. Koehler; Douglas Slain; Jill S. Borchert;
Sharon K. Park

Go to Book

Go to Review Questions

View by: Case Topic Case Number

Principles of Patient-Focused Therapy

- Chemical Threat Agent Exposure Geriatrics
- Clinical Toxicology: Acetaminophen Toxicity Palliative Care
- Cyanide Exposure Pediatrics

Key

- Unopened Case
- Viewed Case
- Completed Case

Cardiovascular Disorders

- Acute Coronary Syndrome: ST-Elevation Myocardial Infarction Heart Failure with Reduced Ejection Fraction
- Acutely Decompensated Heart Hypertension

사례 기반

나선형 학습 교육 과정 제공

1 Learning Objectives (학습 목적)

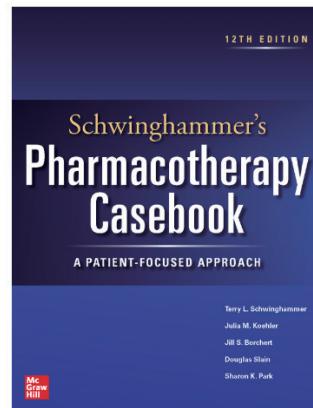
2 Patient Presentation (시나리오 등)

3 Questions (문제풀이)

4 Self-Study Assignments (자가학습)

5 Clinical Pearl (핵심임상정보)

6 References (참고문헌)



[View Contents](#)



Case 11 / 160



Chemical Threat Agent Exposure



Authors: Elizabeth J. Scharman

[Learning Objectives](#)

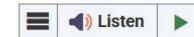
[Patient Presentation](#)

[Questions](#)

[Self-Study Assignments](#)

[Clinical Pearl](#)

[References](#)



After completing this case study, the reader should be able to:

- Identify one of the toxicodromes associated with a chemical threat agent attack.
- Determine the indications for antidotes and supportive care options based on patient signs and symptoms.
- State the difference between the utilization of a medical model and a mass care model during a public health emergency.

약물 마스터 챌린지

Flash Cards

약물 마스터 챌린지! 처방약·비처방약, 플래시 카드로 썩~ 정복!
약물 치료, 약리학 등을 복습할 수 있는 온라인 플래시 카드 제공

[Flash Cards →](#)

Flash Cards

약물 마스터 챌린지! 처방약·비처방약, 플래시 카드로 싹~ 정복!

약물 치료, 약리학, 상위 300가지 약국 약품, 상위 100가지 비처방 약품, 약물 계산 리뷰 등을 복습할 수 있는 온라인 플래시 카드 제공

Top 300 Pharmacy Drug Cards—2024/2025

Abbreviations Contributors About

A B C D E F G H I K L M N O P Q R S T

V W Z

Sort Alphabetically

2024-2025

Top 300 Pharmacy Drug Cards

The easiest and most effective way to learn essential information about the top 300 drugs

Includes audio Q&A to help you study

Free updates available as new drugs are released

Key adult and pediatric vaccines

Jill M. Kolesar • Lee C. Vermeulen

LANGE

Prefaces Random Card

ACYCLOVIR: Zovirax, Various
[Antiviral]
[Anti-infective Agents]

ALBENDAZOLE: Albenza, Various
[Anthelmintic]
[Anti-infective Agents]

ALBUTEROL: ProAir HFA, Proventil HFA, Ventolin HFA, ProAir Respclick, Various
[Pulmonology]
[Respiratory Agents]

ALENDRONATE: Fosamax, Binosto, Various
[Womens Health]
[Endocrine Agents]

ALLOPURINOL: Zyloprim, Various
[Misc]
[Miscellaneous Agents]

ALPRAZOLAM: Xanax, Various
[Neurology]
[Neurologic Agents]

Previous Next

AccessPharmacy

Flash Cards

약물 마스터 챌린지! 처방약·비처방약, 플래시 카드로 싹~ 정복!

약물 치료, 약리학, 상위 300가지 약국 약품, 상위 100가지 비처방 약품, 약물 계산 리뷰 등을 복습할 수 있는 온라인 플래시 카드 제공

Top 300 Pharmacy Drug Cards—2024/2025 >> ACYCLOVIR: Zovirax, Various

Abbreviations Contributors About

ACYCLOVIR: Zovirax, Various

Class: Viral DNA Polymerase Inhibitor

Dosage Forms, Capsule: 200 mg; **Suspension:** 200 mg/5 mL; **Tablet:** 400 mg, 800 mg

Common FDA Label Indication, Dosing, and Titration.

- Genital herpes simplex: Adults, initial episode, 400 mg po tid or 200 mg po 5 times a day \times 7-10 d; Adults, recurrent episode, 400 mg po tid \times 5 d or 800 mg bid \times 5 d or 800 mg tid \times 2 d; Children \geq 12 y of age, 1000-1200 mg/d po in 3-5 divided doses \times 7-10 d
- Genital herpes simplex, suppressive therapy: Adults and Children \geq 12 y of age, 400 mg po bid for up to 12 mo
- Herpes zoster (shingles): Adults and Children \geq 12 y of age, 800 mg po 5 times a day \times 7-10 d
- Varicella (chickenpox): Adults, 800 mg po 5 times a day \times 5-7 d; Children \geq 2 y of age and $<$ 40 kg, 20 mg/kg po qid \times 5 d
- Cold sores (orolabial HSV treatment): 400 mg po tid \times 5-10 d

Off-Label Uses.

- Herpes simplex virus prevention in immunocompromised patients: 400-800 mg po bid

MOA. Acyclovir is an acyclic nucleoside analogue of deoxyguanosine that is selectively phosphorylated by

Drug Interactions: Acyclovir

Typical Agents	Mechanism	Clinical Management
Foscarnet	Increased nephrotoxicity	Avoid concurrent use
Cladribine	Decreased effect of cladribine	Avoid concurrent use
Varicella virus vaccine, zoster vaccine	Decreased vaccine effectiveness via antagonism	Avoid concurrent use

Adverse Reactions: Acyclovir

Common (>10%)	Less Common (1-10%)	Rare but Serious (<1%)
Malaise	Nausea, vomiting, headache, diarrhea	Severe hypersensitivity, renal failure, TTP

Efficacy Monitoring Parameters. Resolution of clinical signs of infection (lesions) within 2-3 d.

Toxicity Monitoring Parameters. Seek medical attention if decreased urination, unusual bruising or bleeding, blistering skin rash, shortness of breath, confusion, lethargy, or seizures.

Key Patient Counseling Points. Cr

Flip Next >

Top 300 vs. Top 100! 테스트 도전

Drug Challenges

Top 300 Prescription Drug Challenge &
Top 100 Nonprescription Drug Challenge 제공

[Drug Challenges](#) →

Drug Challenges

Top 300 vs. Top 100! 테스트 도전, 당신의 기록을 세워라!

Top 300 Prescription Drug Challenge(상위 300가지 처방약 챌린지)과 Top 100 Nonprescription Drug Challenge(상위 100가지 비처방약 챌린지)을 제공

약학박사 과정의 학년(티어)별 테스트, 타이머 설정 가능

Flashcards
All Review Questions
Top 300 Prescription Drug Challenge
Top 300 Drugs Flashcards
Pharmacotherapy Flash Cards
Medical Terminology Flashcards
Top 100 Nonprescription Drug Cards
Top 200 Injectable Flashcards
Top 100 Nonprescription Drug Challenge

Top 300 Prescription Drug Challenge

Test yourself on the top 300 drugs. Tiers correspond to PharmD 4-year programs. Each tier should test content appropriate to the corresponding year.

NOTE: Tier 1=Year 2; Tier 2=Year 3; Tier 3=Year 4

Anti-Infective Agents

Tier 1 (Brand/Generic and Classifications)

Tier 1 (Brand/Generic and Classifications)

Tier 2 (Available Dosage Forms/FDA Indications)

Tier 3 (Dose and Patient Counseling and Adverse Drug Reactions)

Cardiology Module

Tier 1 (Brand/Generic and Classifications)

Timed

Untimed

Start Test

Edited by
Gina Carbonara Baugh,
PharmD
C...

Tier 1 (Brand/Generic and Classifications)

You have 90 minutes to complete this test

Question 1 of 25

A patient presents a prescription at your pharmacy for Zithromax. What is the classification of this medication?

- A Antibiotic, macrolide
- B Antibiotic, tetracycline
- C Antibiotic, penicillin
- D Antibiotic, fluoroquinolone

Submit & View Next Question

2116 ea.
View the Top 300 Drug

140가지 질병을 위한 완벽 솔루션

Quick Answers (빠른참조)

약물 치료, 헤매지 말고 딱 맞게! 140가지 질병을 위한 완벽 솔루션
일반적인 장애의 약물요법에 대한 간결하고 실용적인 전문 정보

Quick Answers →

Quick Answers (빠른참조)

약물 치료, 헤매지 말고 딱 맞게! 140가지 질병을 위한 완벽 솔루션

- 일반적인 장애의 약물요법에 대한 간결하고 실용적인 전문 정보를 제공
- 임상 환경에서 의사 결정을 할 때 필요한 약물 치료정보에 빠르고 쉽게 접근할 수 있도록 고안

- 콘텐츠는 입원 및 외래 치료 환경 모두에 이용되는 주요 약학 레퍼런스에서 파생

- **Pharmacotherapy: A Pathophysiologic Approach** (약물치료학: 병태생리학적접근)

- 약 140여 가지 질병의 주요 치료 특징 확인 가능



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Editors

Preface

Acknowledgements

Quick Answers: Pharmacy



Lauren K. Roller, Laura Baumgartner, Shane P. Desselle

Search Textbook



A B C D E G H I L M N O P R S T U V

Acne Vulgaris

Animal and Human Bites

Acute Coronary Syndromes

Antimicrobial Regimen Selection

Acute Kidney Injury

Anxiety Disorder, Generalized

AccessPharmacy

약초 및 보조제

Herbs and Supplements

이 약초, 진짜 효과 있을까?
1,100개 보조제의 숨은 진실을 밝혀라!

[Herbs and Supplements](#) →

Herbs and Supplements

이 약초, 진짜 효과 있을까? 1,100개 보조제의 숨은 진실을 밝혀라!

Herbs and Supplements

Annotate

Search Herbs and Supplements

0-9 A B C D E F G H I J K L M N O P Q R

Abs Diet	Abscess Root	Abuta
Acacia	Acacia Rigidula	Acai
Acerola	Acetyl-L-Carnitine	Ackee
Aconite	Activated Charcoal	Acupressure
Acupressure	Acupuncture	Acupuncture
Acustimulation	Acustimulation	Adaptogens
Adenosine	Adenosine	Adrafinil - [Fast Fac
Adrenal Extract	Adrue	Aegeline
African Wild Potato	Aga	Agar
Agaricus Mushroom	Agave	Agave
Agmatine	Agrimony	Aikido
Ajuga Nippensis	Albizia	Albizia
Alchemilla	Alder Buckthorn	Alder Buckthorn
Aletris	Alexander Technique	Alexander Techniqu
Alfalfa	Algal Oil	Algin
Alkanna	Allergen Immunotherapy	Allspice
Alpha Hydroxy Acids	Alpha Hydroxy Acids (Ahes)	Alpha-Alanine
Alpha-Alanine	Alpha-Gpc	Alpha-Gpc
Alpha-Ketoglutarate	Alpha-Linolenic Acid	Alpha-Linolenic Acid (Ala)

Herbs and Supplements

> G

Search Herbs and Supplements

Annotate



GUM ARABIC

Adverse Effects

Alternate Names

Background

Disease Interactions

Dosage Standardization

Drug Interactions

Effectiveness

Family

Food Interactions

Herb Interactions

Lab Interactions

Mechanisms of Action

Pharmacokinetics

Pregnancy/Lactation Ratings

Safety Ratings

Scientific Names

Toxicology

Cyclic vomiting syndrome (CVS)

DISCLAIMER: This tool is intended for informational purposes only, and should not be interpreted as specific medical advice. Patients should consult with a qualified healthcare provider before making decisions about therapies and/or health conditions.

Cyclic vomiting syndrome (CVS)

Orally, gum arabic can cause minor gastrointestinal disturbances such as abdominal bloating, flatulence, nausea, vomiting, and mild diarrhea. These effects occurred in 15%, 82%, and 90% of subjects respectively in one study. They may subside with continued use within 2 weeks.

Flatulence

Flatulence

Orally, gum arabic can cause minor gastrointestinal disturbances such as abdominal bloating, flatulence, nausea, vomiting, and mild diarrhea. These effects occurred in 15%, 82%, and 90% of subjects respectively in one study. They may subside with continued use within 2 weeks.

환자 맞춤 건강 가이드

Patient Education Handouts

환자 맞춤 건강 가이드! 연령별·전문가용·다국어 지원까지,
이해하기 쉽고 신뢰할 수 있는 건강 관리 정보 제공 교육용 유인물

Patient Education Handouts →

Patient Education Handouts

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 이해하기 쉽고 신뢰할 수 있는 건강 관리 정보 제공 교육용 유인물

 3가지 카테고리로 분류한 맞춤별 자료 제공

 다양한 언어로 유인물 제공

Chinese (Simplified) Chinese (Traditional) English

French Korean Portuguese (Brazilian)

Russian Spanish Tagalog Vietnamese

 분기별로 업데이트

Adult Advisor

Medicines Advisor

Pediatric Advisor

Sign in to your Access profile to add a logo and/or personal message to your Patient Handout.

Adult Advisor

Language: **Korean**

O A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Achilles Tendon Injury	 PDF
Alcohol Use Disorder	 PDF
Alcohol: Effects on Health	 PDF
Alzheimer's Disease	 PDF
Amniocentesis Test during Pregnancy	 PDF
Ankle Fracture	 PDF
Ankle Sprain	 PDF
Anterior Cruciate Ligament (ACL) Injury	 PDF
Antipsychotic Medicines	 PDF
Anxiety Disorders	 PDF
Aspirin Exacerbated Respiratory Disease (AERD)	 PDF
Asthma	 PDF
Asthma: Controlling Triggers	 PDF
Attention Deficit/Hyperactivity Disorder (ADHD) in A	 PDF
Autism Spectrum Disorder	 PDF

Patient Education Handouts Page

1 유인물 Print 기능

2 PDF 저장 기능

3 Email 공유 기능

4 Customized 기능

- 유인물 내 별도 내용 입력 가능

Custom Cover Sheet for "Achilles Tendon Injury"

Add/Edit any comments that you would like to accompany this handout. Your comments will be available from the Customize link at the top of the handout toolbar.

Add Logo / Contact Info:
[no logo uploaded]

Edit

5 주석 기능

Print Download PDF Email Customize Annotate

아킬레스건 부상



Add to Favorites

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아킬레스건 부상이란 무엇입니까?

아킬레스건 부상이란 발꿈치뼈와 종아리 근육을 연결하는 힘줄이 손상된 상태를 말합니다. 힘줄은 근육과 뼈를 연결하는 띠 형태의 강한 조직입니다. 발을 위아래로 움직일 때와 걷고, 달리고, 제자리에서 뛸 때 아킬레스건이 사용됩니다.

힘줄은 갑작스럽게 손상될 수도 있고 오랜 시간 동안 천천히 손상될 수도 있습니다. 힘줄이 아주 조금 또는 일부가 끊어질 수 있습니다. 힘줄이 완전히 끊어진 상태를 파열이라고 합니다. 그 외 힘줄 부상에는 염좌, 건병증, 긴영 등이 있습니다.

원인이 무엇입니까?

다음과 같은 원인으로 아킬레스건이 손상될 수 있습니다.

- 발꿈치가 땅에 닿지 않는 형태의 달리기, 과도한 운동, 스포츠 훈련, 무릎과 발목을 구부려야 하는 작업 등으로 아킬레스건을 무리 해서 사용한 경우
- 제자리 뛰기, 달리기 출발, 넘어짐 등으로 아킬레스건이 갑작스럽게 꺾이거나 끊어진 경우

다음의 경우 아킬레스건 문제 위험이 높아집니다.

- 종아리 근육이나 아킬레스건이 단단한 경우
- 운동화를 바꿨거나 하루 종일 굽이 높은 신발을 신거나
- 걷거나 달릴 때 발이 정상보다 지면에 가까이

Patient Education Handouts Page

PDF 저장 시

아킬레스건 부상

(Achilles Tendon Injury)

핵심 사항

- 아킬레스건 부상이란 발꿈치뼈를 종아리 근육에 연결하는 띠 형태의 강한 조직이 늘어나거나 파열된 것을 말합니다.
- 부상이 다 나을 때까지 통증을 유발하는 모든 활동을 중단하거나 변경해야 합니다.
- 아킬레스건 부상은 특수 신발이나 신발 팔창, 운동, 염증 등으로 치료할 수 있으며 경우에 따라 약을 치료나 수술이 필요합니다.

아킬레스건 부상이란 무엇입니까?

아킬레스건 부상이란 발꿈치뼈와 종아리 근육을 연결하는 힘줄이 손상된 상태를 말합니다. 힘줄은 근육과 뼈를 연결하는 띠 형태의 강한 조직입니다. 발을 위아래로 움직일 때와 걷고, 달리고, 제자리에서 휙 때 아킬레스건이 사용됩니다.

힘줄은 갑작스럽게 손상될 수도 있고 오랜 시간 동안 천천히 손상될 수도 있습니다. 힘줄이 아주 조급 또는 일부가 헤어질 수 있습니다. 힘줄이 완전히 헤어진 상태를 파열이라고 합니다. 그 외 힘줄 부상에는 염좌, 건행증, 진열 등이 있습니다.

원인이 무엇입니까?

다음과 같은 원인으로 아킬레스건이 손상될 수 있습니다.

- 발꿈치가 땅에 닿지 않는 형태의 달리기, 과도한 운동, 스포츠 훈련, 무릎과 발목을 구부려야 하는 작업 등으로 아킬레스건을 부리면서 사용한 경우
- 제자리 뛰기, 달리기 출발, 넘어짐 등으로 아킬레스건이 갑작스럽게 깨이거나 헤어진 경우
- 다음의 경우 아킬레스건 문제 위험이 높아집니다.
 - 종아리 근육이나 아킬레스건이 단단한 경우
 - 운동화를 바꿨거나 하루 종일 굽이 높은 신발을 신다가 운동을 하려고 굽이 낮은 신발로 갈아 신은 경우
 - 걸거나 달릴 때 밭이 정상보다 지면에 가까이 닿아 평행해지는 증상, 즉 과도한 회내 동작이 있는 경우

어떤 증상을 보일까요?

증상은 다음과 같습니다.

- 종아리 뒤 통증, 뱃랫통, 힘이 주어지지 않음, 부어오름

아킬레스건 부상

(Achilles Tendon Injury)



어떻게 진단합니까?

의료 전문가가 증상과 활동, 병력에 대해 묻고 진찰할 것입니다. 환자가 걷거나 달리는 모습을 보고 멀리에서 정상보다 평행한지 확인할 수도 있습니다. 다음과 같은 검사가 이루어질 수 있습니다.

- X선
- 강한 자기장과 전파로 자세한 발과 다리의 모습을 활영하는 MRI
- 음파를 사용하여 종아리의 모습을 확인하는 초음파

어떤 치료 방법이 있습니까?

아킬레스건이 다 나을 때까지 통증을 유발하는 모든 활동을 중단하거나 변경해야 합니다. 예를 들어 달리기 대신 수영을 해야 할 수 있습니다. 부상이 심한 경우 회복되는 동안 밟이 고정되도록 몇 주 간 빗대에 걸스를 하거나 부츠로 신어야 할 수 있습니다.

의료 전문가가 회복에 도움이 되는 스트레칭 및 강화 운동을 추천할 것입니다.

특수 신발이나 신발 팔창이 도움이 될 수 있습니다. 부상이 심한 경우 회복되는 동안 밟이 고정되도록 몇 주 간 빗대에 걸스를 하거나 부츠로 신어야 할 수 있습니다.

인대가 파열된 경우에는 수술이 필요할 수 있습니다.

몇 주 안에 통증은 대개 나지막지만 회복되는 데 몇 달 이상 걸리기도 합니다. 의료 전문가의 지시를 모두 따르는 것이 중요합니다.

자가 관리법에는 어떤 것이 있습니까?

첫기를 거두어하고 통증을 완화시키는 방법입니다.

- 얼음주머니 또는 채소를 얼려 천에 한 것을 3~4시간마다 한 번에 최대 20분 동안 환부에 대고 있습니다.
- 얼을 펌질을 합니다. 스티로폼 펌에 물을 일련 후 침 뒷부분을 빗겨 얼음을 나오도록 합니다. 펌 뒷부분을 젖은 통증이 있는 동안 문지릅니다. 통증이 계속되는 동안 하루에 수 차례로 반복합니다.

- 殃기나 누울 때 심장 높이보다 높아지도록 발을 베개 위에 두십시오.

- Acetaminophen, ibuprofen, naproxen과 같은 비стер명 진통제를 복용합니다. 라벨을 잘 읽고 지시대로 복용합니다. 의료 전문가가 권고하는 경우를 제외하고 이 약을 절대 10일 이상 복용하지 않아야 합니다.

- ibuprofen, naproxen, aspirin 등의 NSAID, 비스테로이드 소염제는 위장 출혈을 비롯한 여러 문제의 원인이 될 수 있습니다. 이러한 위험은 나아가 맘을 수록 더 높습니다.

- Acetaminophen은 간 손상 등의 문제를 일으킬 수 있습니다. 의료 전문가가 권고하는 경우 우울 제거하고 24시간 이내에 3000mg 이상 복용하지 않아야 합니다. 복용하는 다른 약에 acetaminophen이 들어 있는지 확인하여 복용량이 지나치거나 약이 지나치게 많아지지 않도록 합니다. 의료 전문가에게 이 약을 복용하는 동안 술을 마시지 않아야 하는지를 아보도록 합니다.

- 준비 운동이나 스토레칭을 하기 전 10~15분 동안 환부에 슬립을 가집니다. 슬립은 근육 이완에 도움이 될 수 있습니다. 슬립하는 대부분의 약국에서 구입이 가능한 슬립 페트니 열 퍼치, 따뜻한 물에 젖은 수건, 더운물 샤워 등이 있습니다. 화상 예방을 위해 포장에 표시된 사용 지침을 따르고 어떤 종류의 열 페트니도 누워서는 안 됩니다. 부풀이 있으면 뜨거운 펌질을 칠 때마다 어떤 종류의 열 페트니도 누워서는 안 됩니다.

추천 운동 등 의료 전문가의 지시를 잘 따릅니다. 의료 전문가에게 다음 내용을 확인합니다.

- 검사 결과가 양성, 어떤 방식으로 진단되는지