



## Platforma edukacyjno-dydaktyczna



Urszula Sasimowicz-Andrzejewska

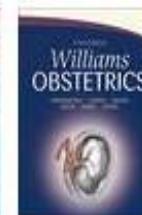
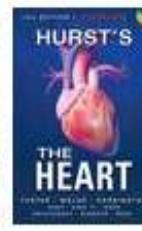
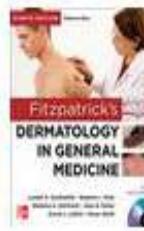
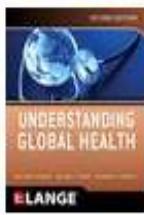
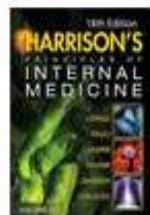


[Home](#)[Readings](#)[Quick Reference](#)[Drugs](#)[Multimedia](#)[Cases](#)[Self-Assessment](#)[Custom Curriculum](#)[Patient Ed](#)

Search AccessMedicine:

[Search](#)[Advanced Search](#)

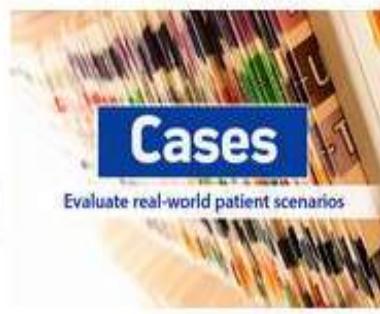
## Read



## Learn



Prepare for exams with thousands of interactive questions



Evaluate real-world patient scenarios

## Watch



Multimedia

IV Insertion

## Featured

**Practice Guidelines**  
Get summaries of the latest disease screening, prevention, and clinical management protocols

Patients with community-acquired pneumonia  
Is the patient more than 50 years of age?  
Patient have a history of smoking  
Yes → Assign patient to risk class II-V according to step 2 of the prediction rule  
No →

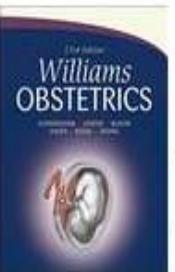
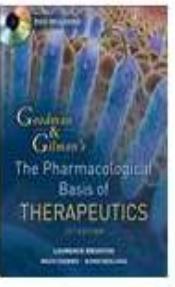
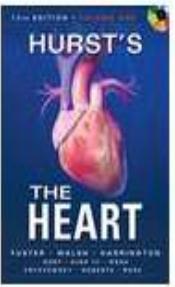
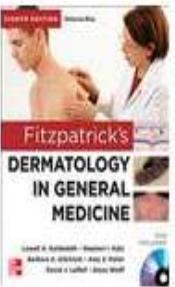
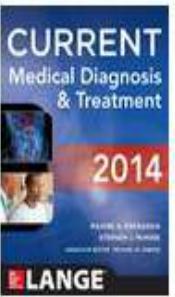
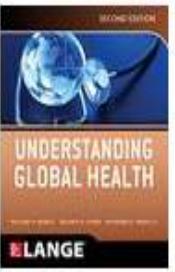
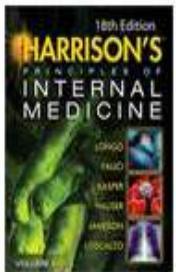
**AccessMedicine** jest doskonale zaprojektowaną interaktywną platformą pozwalającą sprostać wszelkim wymaganiom programu nauczania na Uniwersytetach Medycznych. Pomaga nie tylko studentom jak również wykładowcom wyselekcjonować konkretne, specjalistyczne informacje.

pneumonia

[Search](#)   [Advanced Search](#)

Baza zawiera pełne teksty podręczników. Istnieje możliwość wyszukiwania podstawowego – należy wpisać hasło w oknie wyszukiwania...

## Read



## Learn

### Self-Assessment

Prepare for exams with thousands of interactive questions

### Cases

Evaluate real-world patient scenarios

## Watch

[Multimedia](#) ▾

IV Insertion

## Featured

Search AccessMedicine

Search

Advanced Search

## pneumonia

W przypadku wyszukiwania podstawowego baza poda listę źródeł na platformie, które dotyczą wybranego zagadnienia:

- Tytuły książek;
- Grand rounds – wykłady;
- Filmy video;
- Zdjęcia, etc.

[Readings \(5308\)](#)[Textbooks \(5036\)](#)[Updates \(156\)](#)[Diagnosaurus \(89\)](#)[Quick Dx and Rx \(21\)](#)[Diagnostic Tests \(4\)](#)[Guidelines \(3\)](#)[Multimedia \(6\)](#)[Grand Rounds \(5\)](#)[Videos \(1\)](#)[Images \(251\)](#)[Cases \(27\)](#)[Patient Education \(12\)](#)[Drugs \(1\)](#)

### Textbooks

[Narrow by Topic](#)

5036 results in Textbooks



#### Chapter 257. Pneumonia

[Harrison's Online](#)

#### Chapter 68. Community-Acquired Pneumonia, Aspiration Pneumonia, and Noninfectious Pulmonary Infiltrates

[Tintinalli's Emergency Medicine](#)

#### Chapter 189. Community-Acquired Pneumonia

[Principles and Practice of Hospital Medicine](#)

#### Chapter 194. Healthcare and Hospital-Acquired Pneumonia

[Principles and Practice of Hospital Medicine](#)

#### Chapter 53. Pneumonia

### Multimedia

[Grand Rounds](#)[Preoperative Pulmonary Evaluation](#)[Grand Rounds](#)[Grand Rounds](#)[Community-Acquired Pneumonia](#)[Grand Rounds](#)[Videos](#)[Bronchial breath sounds](#)

sounds recorded over an area of consolidation in a person with pneumonia. Note the loud expiratory phase, which helps to clarify these sounds as bronchial.

[CURRENT Medical Diagnosis & Treatment 2014](#)[All Multimedia Results \(8\) >](#)

### Images

[Figure 13-6.](#)[Radiographic appearance](#)[of a right lower lobe pneumonia.](#)

Search AccessMedicine

Search

Advanced Search

## Advanced Search

[Readings](#) [Multimedia](#) [Images](#) [Cases](#) [Authors/Contributors](#)

pneumonia

SEARCH

## Limit To:

 Textbooks  Updates  Quick Dx and Rx  Guidelines  Diagnostic Tests

## Select resource(s):

 All Readings

- |  |   |
|--|---|
| <input type="checkbox"/> Adams & Victor's Principles of Neurology, 10e<br><input type="checkbox"/> Adams and Victor's Principles of Neurology, 9e<br><input type="checkbox"/> Basic & Clinical Biostatistics, 4e<br><input type="checkbox"/> Basic & Clinical Pharmacology, 12e<br><input type="checkbox"/> Basic Radiology, 2e<br><input type="checkbox"/> Behavioral Medicine: A Guide for Clinical Practice, 3e<br><input type="checkbox"/> Cardiovascular Physiology, 7e<br><input type="checkbox"/> Clinical Ethics: A Practical Approach to Ethical Decisions in Clinical Medicine, 7e<br><input type="checkbox"/> Clinical Neuroanatomy, 27e<br><input type="checkbox"/> Clinical Neurology, 8e<br><input type="checkbox"/> Clinician's Pocket Reference: The Scout Monkey, 11e<br><input type="checkbox"/> CURRENT Diagnosis & Treatment Emergency Medicine, 7e<br><input type="checkbox"/> CURRENT Diagnosis & Treatment in Family Medicine, 3e<br><input type="checkbox"/> CURRENT Diagnosis & Treatment in Pulmonary Medicine<br><input type="checkbox"/> CURRENT Diagnosis & Treatment of Sexually Transmitted Diseases<br><input type="checkbox"/> CURRENT Diagnosis & Treatment: Cardiology, 3e<br><input type="checkbox"/> CURRENT Diagnosis & Treatment: Gastroenterology, Hepatology, & Endoscopy, 2e<br><input type="checkbox"/> CURRENT Diagnosis & Treatment: Nephrology & Hypertension<br><input type="checkbox"/> CURRENT Diagnosis & Treatment: Obstetrics & Gynecology, 11e<br><input type="checkbox"/> CURRENT Diagnosis & Treatment: Pediatrics, 21e<br><input type="checkbox"/> CURRENT Diagnosis & Treatment: Psychiatry, 2e | <input type="checkbox"/> Hurst's The Heart, 13e<br><input type="checkbox"/> Jawetz, Melnick, & Adelberg's Medical Microbiology, 26e<br><input type="checkbox"/> Junqueira's Basic Histology: Text & Atlas, 13e<br><input type="checkbox"/> Lichtman's Atlas of Hematology<br><input type="checkbox"/> Morgan & Mikhail's Clinical Anesthesiology, 5e<br><input type="checkbox"/> Multimodal Cardiovascular Imaging: Principles and Clinical Applications<br><input type="checkbox"/> Pathology: The Big Picture<br><input type="checkbox"/> Pathophysiology of Blood Disorders<br><input type="checkbox"/> Pathophysiology of Disease, 6e<br><input type="checkbox"/> Pocket Guide to Diagnostic Tests, 6e<br><input type="checkbox"/> Poisoning & Drug Overdose, 6e<br><input type="checkbox"/> Principles and Practice of Hospital Medicine<br><input type="checkbox"/> Principles of Critical Care, 3e<br><input type="checkbox"/> Pulmonary Physiology, 8e<br><input type="checkbox"/> Quick Medical Diagnosis and Treatment<br><input type="checkbox"/> Review of Medical Microbiology & Immunology, 12e<br><input type="checkbox"/> Schwartz's Principles of Surgery, 9e<br><input type="checkbox"/> Sherris Medical Microbiology, 5e<br><input type="checkbox"/> Smith's Patient-Centered Interviewing: An Evidence-Based Method, 3e<br><input type="checkbox"/> Symptom to Diagnosis: An Evidence-Based Guide, 2e<br><input type="checkbox"/> Systematic Musculoskeletal Examinations |
|--|---|

W przypadku wyszukiwania zaawansowane go możemy wybrać źródło lub typ źródła, w obrębie którego chcemy to wyszukiwanie przeprowadzić

books online journals

Home Readings Quick Reference Drugs Multimedia Cases Self-Assessment Custom Curriculum Patient Ed

Search Advanced Search

Baza zawiera różne moduły, w obrębie których możemy się poruszać.

W zakładce „Readings” znajdziemy listę pełnotekstowych podręczników oraz atlasów uporządkowanych tematycznie.

Readings

All Textbooks ▾

Anesthesiology

Basic Science ▾

Behavioral Medicine

Critical Care Medicine

Dermatology

Emergency Medicine

Family Medicine

Healthcare Systems, Quality & Safety

Internal Medicine ▾

Medical Research

Neurology

Obstetrics and Gynecology

Ophthalmology

Pediatrics

Physical Exam and Patient Communication

Psychiatry

Radiology

Surgery

Textbook Updates

View an alphabetical listing of resources

Textbooks

Add Book Alert (What is this?)

Harrison's Principles of Internal Medicine, 18e  
Dan L. Longo, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, J. Larry Jameson, Joseph Loscalzo

New Adams and Victor's Principles of Neurology, 10e  
Alan H. Ropper, Martin A. Samuels

Adams and Victor's Principles of Neurology, 9e  
Alan H. Ropper, Martin A. Samuels

The Atlas of Emergency Medicine  
Kevin J. Kropp, Lawrence S. Shack, Alan Z. Storrow, R. Jason Thurman

Basic & Clinical Biostatistics  
Zeth Devadoss, Robert G. Trapp

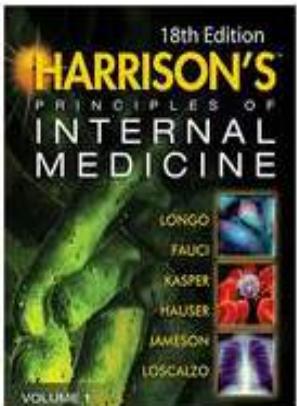
Basic & Clinical Pharmacology  
LANGE

Basic Radiology  
Michael Y.M. Chan, Thomas L. Pope

Po wybraniu tytułu otrzymujemy spis treści oraz dodatkowe materiały powiązane z daną publikacją: prezentacje, wykłady, multimedia.

Po otwarciu pełnego tekstu możemy użyć opcji wydruku, maila, etc.

Rozdziały dostępne wyłącznie na platformie



- [Preface](#)
- [Copyright](#)
- [Contributors](#)

## Harrison's Principles of Internal Medicine, 18e

Dan L. Longo, Editor; Anthony S. Fauci, Editor; Dennis L. Kasper, Editor; Stephen L. Hauser, Editor; J. Larry Jameson, Editor; Joseph Loscalzo, Editor

### [Take Interactive Self-Assessment](#)

[Show Chapters](#) · [Hide Chapters](#)

- [Part 1. Introduction to Clinical Medicine](#)
- [Part 2. Cardinal Manifestations and Presentation of Diseases](#)
- [Part 3. Genes, the Environment, and Disease](#)
- [Part 4. Regenerative Medicine](#)
- [Part 5. Aging](#)
- [Part 6. Nutrition](#)
- [Part 7. Oncology and Hematology](#)
- [Part 8. Infectious Diseases](#)
- [Part 9. Terrorism and Clinical Medicine](#)
- [Part 10. Disorders of the Cardiovascular System](#)
- [Part 11. Disorders of the Respiratory System](#)
- [Part 12. Critical Care Medicine](#)
- [Part 13. Disorders of the Kidney and Urinary Tract](#)
- [Part 14. Disorders of the Gastrointestinal System](#)
- [Part 15. Disorders of the Joints and Adjacent Tissues](#)
- [Part 16. Endocrinology and Metabolism](#)
- [Part 17. Neurologic Disorders](#)
- [Part 18. Poisoning, Drug Overdose, and Envenomation](#)
- [Part 19. High-Altitude and Decompression Sickness](#)

[Appendix: Laboratory Values of Clinical Importance](#)

[Chapter e53 The Clinical Laboratory In Modern Health Care](#)

## FEATURES

### Textbook Updates

10/31/2013

CNIX001 Is Effective at Preventing Cytomegalovirus Infection in Patients Receiving Hematopoietic Stem Cell Transplants

Nearaj K. Burela, Dennis L. Kasper

10/31/2013

A Novel Brain-Computer Interface Approach to Deep Brain Stimulation for Parkinson's Disease

S. Andrew Josephson

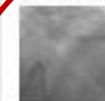
10/31/2013

A New Drug for Narcolepsy Targets Histamine Receptors

S. Andrew Josephson

[View All Textbook Updates](#)

### Multimedia

 Video e53-00  
1 secs

 Video e53-00  
54 secs

 Video e53-00  
1 min, 30 secs

[View All Videos](#)

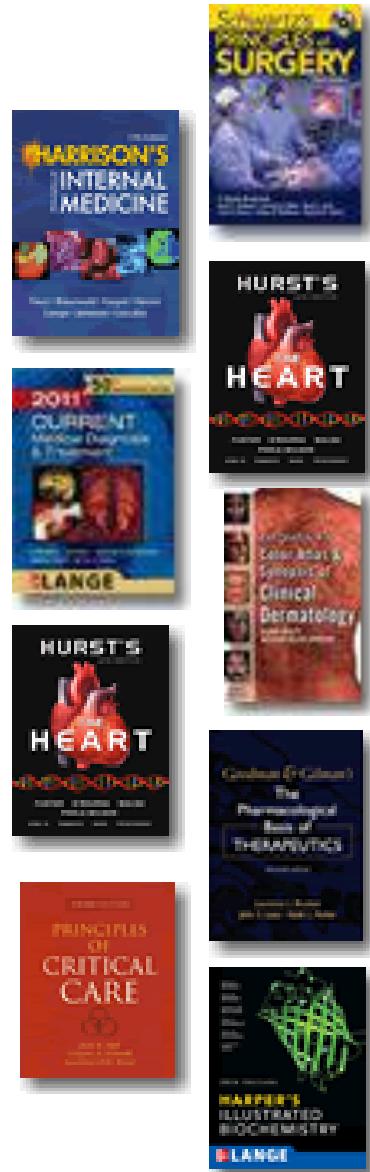
### Grand Rounds

 Strategies to Reduce Postoperative Cardiovascular Complications  
by Steven Cohn, MD, FACP

[View All](#)

# Najlepsze podręczniki + częste aktualizacje

- *Harrison's Online (Principles of Internal Med.);*
- *Schwartz's Principles of Surgery (F. Charles Brunicardi, Dana K. Andersen, Timothy R. Billiar);*
- *CURRENT Medical Diagnosis & Treatment (Stephen J. McPhee, Maxine A. Papadakis);*
- *Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology (Klaus Wolff, Richard Allen Johnson);*
- *Hurst's the Heart (ed. Valentin Fuster, Robert A. O'Rourke);*
- *Goodman & Gilman's The Pharmacological... (Laurence L. Brunton) ;*
- *Harper's Illustrated Biochemistry (Robert K. Murray);*
- *Clinical Neurology (Simon)...*



Home   Readings

Quick Reference

Drugs   Multimedia   Cases   Self-Assessment   Custom Curriculum   Patient Ed

Search AccessMedicine

Search   Advanced Search

- Quick Dx & Rx
- Guidelines
- Algorithms
- DDx
- Diagnostic Tests
- Calculators

Readings

All Textbooks

An alphabetical listing of resources

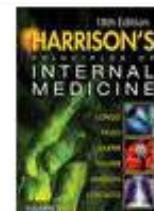
Textbooks

Add Book Alert   What is this?

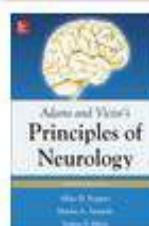
Oprócz znanych tytułów dostępne są również:  
 baza wytycznych,  
 algorytmy  
 postępowania, narzędzie  
 diagnostyczne  
 (diagnostyka różnicowa),  
 baza testów  
 diagnostycznych,  
 kalkulatory.



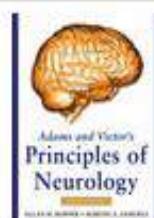
The screenshot shows the 'Quick Reference' dropdown menu open. It contains links to 'Quick Dx & Rx', 'Guidelines', 'Algorithms', 'DDx', 'Diagnostic Tests', and 'Calculators'. The 'Readings' and 'All Textbooks' tabs are also visible in the sidebar.



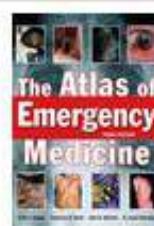
Harrison's Principles of Internal Medicine, 18e  
Dan L. Longo, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, J. Larry Jameson, Joseph Loscalzo



New Adams and Victor's Principles of Neurology, 10e  
Alan H. Ropper, Martin A. Samuels



Adams and Victor's Principles of Neurology, 9e  
Alan H. Ropper, Martin A. Samuels



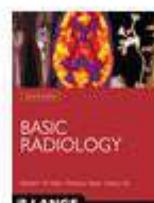
The Atlas of Emergency Medicine, 3e  
Kevin J. Kropp, Lawrence S. Stark, Alan E. Sternov, R. Jason Thurman



Basic & Clinical Biostatistics



BASIC & CLINICAL PHARMACOLOGY  
LANGE



BASIC RADIOLOGY  
LANGE



Trusted Content. Instant Answers.

Access Provided by:



Zintegrowana  
baza leków.

Nazwy  
generyczne,  
handlowe, baza  
przypadków

The screenshot shows the top navigation bar of the Access Medicine website. The 'Drugs' button is highlighted with a red circle and arrow. Below the navigation bar is a search bar labeled 'Search AccessMedicine'. To the right of the search bar are two buttons: 'Search' and 'Advanced Search'. The main content area is titled 'Drug Monographs' and features a sidebar with links for 'All Drugs', 'Generics', 'Trade Names', 'Drug Classes', and 'Patient Handouts'. A second red arrow points from the text 'Nazwy generyczne, handlowe, baza przypadków' to the 'All Drugs' link in the sidebar.

## Drug Monographs

All Drugs
Generics
Trade Names
Drug Classes
Patient Handouts

### All Drugs

0-9 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

A&D Jr. [OTC]	A.E.R. Traveler [OTC]
A.E.R. Witch Hazel [OTC]	A+D Prevent [OTC]
A+D® Original [OTC]	A-200® Lice Treatment Kit [OTC]
A-200® Maximum Strength [OTC]	A-25 [OTC]
A3 (Neuroblastoma)	Abacavir
Abacavir and Lamivudine	Abacavir, Lamivudine, and Zidovudine
Abatacept	Abbreviations, Acronyms, and Symbols
Abciximab	Abelcet
Ability	Ability Discernit
Ability Maintena	Abiraterone Acetate
Abiraterone-Prednisone (Prostate)	Abilavir
AbibotulinumtoxinA	Abiravane
Abreva [OTC]	Abisorica
Abstral	ABVD (Hodgkin)
ABVD Early Stage (Hodgkin)	AC (Breast)
AC (Dose-Dense) followed by Paclitaxel (Dose-Dense) (Breast)	AC (Dose-Dense) followed by Paclitaxel (Dose-Dense)-Trastuzumab (Breast)
AC (Dose-Dense) followed by Paclitaxel Weekly (Breast)	AC followed by Docetaxel Every 3 Weeks (Breast)
AC followed by Paclitaxel-Trastuzumab (Breast)	AC followed by Paclitaxel Weekly (Breast)
Acamprosate	ACAM2000®
	Acanys®

# ACCESS Medicine

trusted content. instant answers.

The screenshot shows the top navigation bar of the Access Medicine website. The "Multimedia" menu item is circled in red. Other menu items include Home, Readings, Quick Reference, Drugs, Multimedia, Cases, Self-Assessment, Custom Curriculum, Patient Ed, Search, and Advanced Search. Below the menu is a search bar labeled "Search AccessMedicine".

## Multimedia

**Videos by Category**

- Bedside and Office-Based Procedures
  - Cardiovascular
  - Ears, Nose and Throat
  - Gastrointestinal
  - Genitourinary
  - Musculoskeletal
  - Neurologic
  - Pulmonary
  - Reproductive
- Dx Tests, Treatments & Conditions
- Pathophysiology
- Patient Interview
- Pharmacology
- Physical Exam
- Videos by System
- Musculoskeletal Exams
- Patient Safety Modules
- Grand Rounds

### Bedside


[Play](#)

#### Abdominal Paracentesis

12 mins, 56 secs

Author(s): Maria A. Yialamas, Anna Rutherford, and Lindsay King

[View in context](#)

[Play](#)

#### Bartholin Gland Duct Incision and Drainage

4 mins, 50 secs

Author(s): Barbara L. Hoffman, MD, and Genera Gammie


[Play](#)

#### Chest Tube Insertion

10 mins

 Author(s): David Cline and Henderson McGinnis, Department of Emergency Medicine, Wake Forest University Baptist Medical Center  
Medical Edition(s): Judith E. Tintinalli, David Cline, O. John Ma

[Play](#)

#### Fine Needle Aspiration of Breast Cyst

9 mins, 58 secs

 Author(s): Christine Weltz, MD, Assistant Professor, Surgical Oncology, Mount Sinai Medical Center  
View in context

Baza zawiera pliki multimedialne:

- Filmy video z przeprowadzanych zabiegów, badań pacjentów;
- Nagrane przez specjalistów wykłady;
- Zdjęcia.

Wszystko uporządkowane dziedzinowo i z możliwością znalezienia pliku w kontekście (tekście).



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 Access Provided by  
**ABE IPS**  
 books online journals

Home

Readings

Quick Reference

Drugs

Multimedia

Cases

Self-Assessment

Custom Curriculum

Patient Ed

Search AccessMedicine

Search

Advanced Search

Bank przypadków medycznych uporządkowanych wg medycyny ogólnej i klinicznej (opis przypadku, pytania sprawdzające, referencje)

## Cases

### Case Files®

[Pathophysiology Cases](#)
[Hurst's Imaging Cases](#)

#### About our Cases

Learn more about the resources from which AccessMedicine Cases are compiled.

### Case Files®

Author(s): Eugene C. Toy, MD

View by: Case Number | Topic

### Basic Science

#### ▼ Anatomy

- Case 25
- Case 26
- Case 27
- Case 28
- Case 29
- Case 30

#### ► Biochemistry

- Microbiology
- Neurosciences
- Pathology
- Pharmacology
- Physiology

### Clinical Medicine

- Anesthesiology
- Emergency Medicine
- Family Medicine
- Internal Medicine
- Neurology
- Ob/Gyn
- Pediatrics
- Psychiatry
- Surgery

## AccessMedicine

### Readings

### Quick Reference

Quick Dx &amp; Rx

Guidelines

Algorithms

DDx

Diagnostic Tests

Calculators

### Drugs

### Multimedia

Videos by Category

Videos by System

Musculoskeletal Exams

Patient Safety Modules

Grand Rounds

Images

### Cases

Case Files®

Pathophysiology Cases

### Self-Assessment

Clinical Library

Large Educational Library

### Custom Curriculum

### Patient Ed

### About

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AccessAnesthesiology

AccessEmergency Medicine

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AccessPhysiotherapy

AccessSurgery

CME/CE

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Home Readings Quick Reference Drugs Multimedia Cross Self-Assessment Custom Curriculum Patient Ed

Search AccessMedicine

Clinical Library  
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Search Advanced Search

## Self-Assessment

Clinical Library

Lange Educational Library

## Clinical Library

Select a resource below to begin creating and taking custom tests.

Our Q&amp;A content comes from:



Harrison's Principles of Internal Medicine: Self-Assessment and Board Review, 18e  
Charles M. Wiener, Cynthia D. Brown, Anna R. Hennessey  
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Williams Obstetrics Study Guide, 23e  
Barbara L. Hoffman, Robin Horsager, Scott W. Roberts, Vanessa L. Rogers, Patricia C. Santiago-Muñoz, Kevin O. Worley  
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## Studying for the USMLE?



You'll find more than 10,000 online questions covering all of the disciplines and organ systems covered on the USMLE Step 1, Step 2 CK, and Step 3 — USMLE Easy makes the questions hard, so passing is easy! You'll also have access to powerful features, like targeted readings and lectures, which allow you to focus on the topics you need to master and bypass what you already know.  
[Take a test now](#)

Baza testów sprawdzających, opartych na materiale zgromadzonym w podręcznikach.

Skrócona baza testów USMLE

## Studying for the FANCE/PANRE?



PAEasy™ offers more than 1,200 online questions covering all the task areas and organ systems covered on the FANCE/PANRE. You'll also have access to powerful features like targeted readings and a Personal Study Plan. PAEasy takes your test review to an entirely new level!  
[Take a test now](#)

## Take Test

Step 1: Specify the number and type of questions that you want (click on any resource name below to do so).

Step 2: Click "Start Test".

NOTE: A test may not include more than 250 questions

### ▼ Harrison's Principles of Internal Medicine: Self-Assessment and Board Review, 18e

2 of 171 available from Section I. Introduction to Clinical Medicine

of 31 available from Section II. Nutrition

of 122 available from Section III. Oncology and Hematology

of 250 available from Section IV. Infectious Diseases

of 86 available from Section V. Disorders of the Cardiovascular System

of 66 available from Section VI. Disorders of the Respiratory System

of 36 available from Section VII. Disorders of the Urinary and Kidney Tract

of 73 available from Section VIII. Disorders of the Gastrointestinal System

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**Start Test**

Wybierz liczbę pytań z Danego rozdziału i rozpoczęt testy (konieczne indywidualne logowanie)

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Wybierz odpowiedź  
i zatwierdź ją  
klawiszem „submit”

### Question 2 of 2

A 68-year-old man is admitted to the intensive care unit with spontaneous retroperitoneal bleeding and hypotension. He has a medical history of hypertension, diabetes mellitus, and chronic kidney disease stage III. His medications include lisinopril, amlodipine, sitagliptin and glimepiride. On initial presentation, he is in pain and has a blood pressure of 70/40 mmHg with a heart rate of 132 beats/min. His hemoglobin on admission is 5.3 g/dL and hematocrit is 16.0%. His coagulation studies demonstrate an aPTT of 64 seconds and a PT < 12.1 seconds (INR 1.0). Mixing studies (1:1) are performed. Immediately, the aPTT decreases to 42 seconds. At 1 hour, the aPTT is 5 seconds, and at 2 hours, it is 68 seconds. Thrombin time and reptilase time are normal. Fibrinogen is also normal. What is the most likely cause of the patient's coagulopathy?

- A. Acquired factor VIII deficiency
- B. Acquired factor VIII inhibitor
- C. Heparin
- D. Lupus anticoagulant
- E. Vitamin K deficiency

Submit answer and Complete Test

Stop test and return to Q&A home

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### Question 2: Incorrect

A 69-year-old man is admitted to the intensive care unit with spontaneous retroperitoneal bleeding and hypotension. He has a medical history of hypertension, diabetes mellitus, and chronic kidney disease stage III. His medications include lisinopril, amlodipine, sitagliptin and glimepiride. On initial presentation, he is in pain and has a blood pressure of 70/40 mmHg with a heart rate of 132 beats/min. His hemoglobin on admission is 5.3 g/dL and hematocrit is 16.0%. His coagulation studies demonstrate an aPTT of 64 seconds and a PT of 12.1 seconds (INR 1.0). Mixing studies (1:1) are performed. Immediately, the aPTT decreases to 42 seconds. At 1 hour, the aPTT is 5 seconds, and at 2 hours, it is 68 seconds. Thrombin time and reptilase time are normal. Fibrinogen is also normal. What is the most likely cause of the patient's coagulopathy?

- A Acquired factor VIII deficiency
- B Acquired factor VIII inhibitor
- C Heparin
- D Lupus anticoagulant
- E Vitamin K deficiency

#### Related Topics:

- [acquired factor viii inhibitors](#)

Przy nieprawidłowej odpowiedzi otrzymasz wyjaśnienie oraz link do dodatkowych materiałów

The correct answer is B. You answered A.

**Explanation:** The activated partial thromboplastin time (aPTT) measures the integrity of the intrinsic and common coagulation pathways, and as such, is affected by all of the coagulation factors, except factor VII. The aPTT reagent contains phospholipids derived from animal or vegetable sources and includes an activator of the intrinsic coagulation system such as nonparticulate ellagic acid or kaolin. The phospholipid reagent frequently varies from laboratory to laboratory. Thus, an aPTT measured in one hospital may differ from another. Isolated elevations in the aPTT can be related to factor deficiencies, heparin or direct thrombin inhibitors, lupus anticoagulant, or the presence of a specific factor inhibitor. To differentiate between the presence of factor deficiencies and inhibitors, mixing studies should be performed. Mixing studies are performed by mixing normal plasma and the patient's plasma in a 1:1 ratio. The aPTT and prothrombin time (PT) are incubated at 37°C, and levels are measured immediately and serially thereafter for about 2 hours. If the cause is an isolated factor deficiency, the aPTT should correct to normal values and remain normal throughout the incubation period. In the presence of an acquired inhibitor, the aPTT may or may not correct immediately, but upon incubation, the inhibitor becomes more active, and the aPTT will progressively prolong. In contrast, the aPTT does not correct immediately or with incubation in the presence of lupus anticoagulants. The presence of serious bleeding in the presence of mixing studies suggesting an inhibitor should further rule out lupus anticoagulant as a cause because the lupus anticoagulant typically presents with no symptoms or as a thrombotic disorder. The mixing studies do not, however, eliminate the presence of heparin as a cause of the prolonged aPTT. If heparin were present, the thrombin time, but not the reptilase time, would be prolonged. In this scenario, both values were normal, ruling out the presence of heparin or a direct thrombin inhibitor. Likewise, disseminated intravascular coagulation can be ruled out in the presence of normal fibrinogen levels. In serious vitamin K deficiency, both the PT and aPTT should be prolonged.

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### Adult Advisor

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Dziękuję

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