



AccessCardiology User Guide

About This Guide

The **AccessCardiology** User Guide provides users with a detailed roadmap for using and engaging with the resources in the site. This guide describes AccessCardiology and what content can be attained in the site, as well as details how to create and use an Access profile. Also, the guide outlines unique and foundational content across the book's library, quick reference items, drug monographs, multimedia collection, cases, board review and patient education handouts.

Coupled with the AccessCardiology support page on the Access User Center and the AccessCardiology LibGuide, this user guide will provide users with the needed information for effectively deploying the resources in AccessCardiology for academics, research, and clinical practice.

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About AccessCardiology

What Is AccessCardiology?

AccessCardiology from McGraw-Hill Medical addresses the most current standards of care, research, and clinical trials through references from leading experts in the field of cardiology in areas such as interventional cardiology and electrophysiology.

Optimized for viewing on any mobile device and guided by an Advisory Board that includes five of the top academic experts in the field of cardiology, **AccessCardiology** is the field's most trusted cardiology resource, frequently updated and always innovative.

AccessCardiology also bridges the gap between basic science and clinical applications for residents and fellows, and features quick reference capabilities for practicing cardiologists, NPs, and PAs.

Why Is AccessCardiology Unique?

AccessCardiology provides benefits that deliver innovative solutions for the education and practice of cardiology.

- **Leading cardiology textbooks, topic updates**, and chapters published online ahead of print mean that the content is always current.
- **Heart Sounds Collection** — An exclusive, online-only heart sounds collection will help fellows and residents master their cardiac auscultation skills and enhance clinical diagnosis.
- **Quick Reference** — Link to current information about tests, conditions, and medication in *Cardiology Clinical Questions*, which features concise bullet points for review or quick reference in a clinical setting, and is especially helpful for practicing cardiologists, NPs, and PAs who work in a team setting.
- **Extensive Multimedia Library** — View a unique collection of procedure videos and echocardiograms that dynamically illustrate and explore cardiac conditions to prime fellows for hands on work in their field.
- **Downloadable High-Quality Images** — Speed diagnosis and treatment with high-quality images that help illustrate procedures and conditions, in ways that text cannot convey.
- **2 Minute Medicine** — Concise and curated reviews and summaries of new medical studies. Studies are rated for the appraisal of evidence-based medicine.
- **CME** — Receive CME credit and prepare for in-services, certification, and recertification with content that covers trending cardiology topics, such as electrophysiology.
- **Integrated Drug Database** — Look up dosing, indications, and adverse reactions through an updated drug database including thousands of generic and brand-name drugs.
- **Patient Education** — Comprehensive, reliable healthcare information for adults, pediatrics, medicines, and acute settings available in multiple languages.

Access Profile

Unlock a Higher Level of Productivity with an Access Profile

Users create and use their personal **Access Profile** to unlock key features:

- Work through challenging patient cases
- Create and take quizzes for board review and self-assessment
- Connect remotely off-site through VPN authentication
- Bookmark favorite content such as videos, images, tables, and chapters to view later
- Organize important content in folders
- Browse recently viewed content
- Receive alerts about important new content additions
- Download multiple images to PowerPoint with citations and references automatically populated

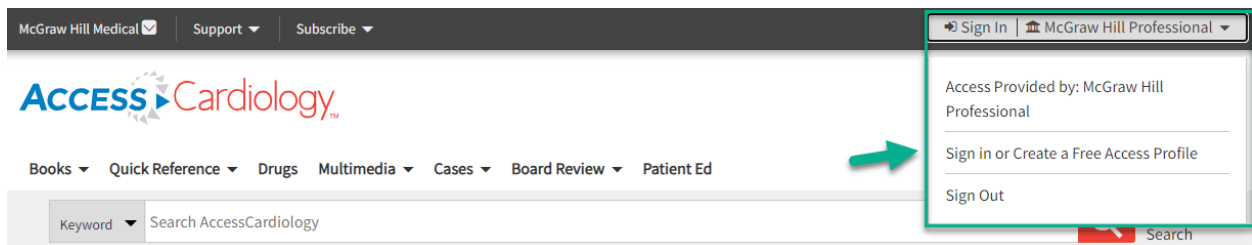
How to Set Up Your Access Profile in 3 Easy Steps

- Go to <https://mhmedical.com/umbrella-index.aspx> or navigate to any Access product homepage. You must be on-site at your institution or organization when first creating your Access Profile.
- Click on your institution's or organization's name in the upper right-hand corner of any page. Once there, click on "Create a Free Access Profile."
- In the pop-up window, click "Create a Free Access Profile."

[Watch this tutorial](#) on the **Access User Center** to learn more about the **Access Profile**.

Helpful Tip

To keep your Access Profile active, you must sign into your profile every 90 days while either on-site or through your institution's or organization's VPN or proxy server.



Homepage

Check Out the Homepage

Streamlined navigation organized into tiles:

- Access profile snapshot
- News and updates related to **AccessCardiology** on the homepage, including newly released textbooks
- Popular and currently high traffic chapters
- Links to featured content on **AccessCardiology**

The screenshot displays the AccessCardiology homepage layout, which is organized into several content tiles:

- Featured Textbooks:** Three large tiles at the top promote 'Fuster & Hurst's The Heart 15th Edition' (with online updates), 'Case Studies in Interventional Cardiology', and 'Ace of Hearts: Flash Cards for Cardiovascular Board Review'.
- User Account Features:** A tile on the left titled 'Sign in to Activate More Features:' lists benefits like using institution sites anywhere, saving favorites, organizing collections, and accessing review questions. It includes 'Sign In' and 'Create a Free Profile' buttons.
- New on AccessCardiology:** A central tile features the cover of 'Mohrman & Heller's Cardiovascular Physiology, 10th Edition' by David M. Harris, published by Lange.
- Popular Chapters:** A tile on the right lists popular chapters such as 'Chapter 23: Cardiac Venous System', 'Chapter 30: Mitral Regurgitation', 'Chapter 8: Hemodynamic Interactions', 'CHAPTER 66: PERICARDIAL DISEASES', and 'Chapter 4: Anatomy of Cardiac Valves for the Interventionalist'.

Searching

The search feature in **AccessCardiology** is simple and easy to use. You can learn more about the search feature by [watching this tutorial](#) on the **Access User Center**.

Search Box

In **AccessCardiology**, you can search for resources across all content types:

- Auto-suggest appears as you type (can be disabled)
- You can "phrase search" using quotations
- Get the same search results by combining terms together or by using **AND**
 - e.g., *heart failure surgery = heart failure AND surgery*

You can also search for a particular textbook by title, author or ISBN.

Search Builder

To the left of your search results, search builder allows you to:

- Focus the search by modifying your terms (keyword, title, author, ISBN)
- Filter results by format (chapter, tables, cases, images, multimedia, etc.)
- Select textbooks to see results by specific titles
- Narrow results by topics

Federated Search

A federated search expands your results from **AccessCardiology** to include results from other McGraw Hill Access Medical sites:

- Click the "Search ... across all McGraw Hill Medical Sites" to run a federated search
- Search builder elements above apply
- Green dot indicates the item is available in your subscription

The screenshot displays the search interface for 'heart failure surgery'. At the top, a search bar contains the keyword 'heart failure surgery' and a search button. Below the search bar, the results are titled '1-20 of 1212 Search Results for heart failure surgery'. A link is provided to search across all McGraw Hill Medical sites. On the left, a 'Modify Search' sidebar allows for keyword modification and filtering by format (Book Chapter, Patient Education, Tables, Images, Quick Reference Resources, Textbooks, Case) and selecting specific textbooks. The main results area shows three book chapters with titles like 'Cardiac Anesthesia > HEART FAILURE SURGERY', 'Preoperative Risk Assessment for Noncardiac Surgery > PATIENTS WITH CHRONIC HEART FAILURE UNDERGOING NONCARDIAC SURGERY', and 'PREGNANCY AND CONGENITAL HEART DISEASE > CONGESTIVE HEART FAILURE IN A PREGNANT WOMAN WITH TRANSPOSITION OF THE GREAT ARTERIES S/P ATRIAL SWITCH SURGERY'. Each result includes a small image, a star icon, and a 'View in context' link.

Books Library

In the Books tab in **AccessCardiology**, you will find leading current, authoritative text resources organized into categories in the left-hand sidebar including congenital heart disease, cardiac monitoring, electrophysiology, interventional cardiology and others. Some of these title are CME eligible.

Books

Library

- Cardiac Monitoring
- Cardiovascular Medicine
- Congenital Heart Disease
- Echocardiography
- Electrocardiography
- Electrophysiology
- Graduate Medical Education
- Imaging
- Interventional Cardiology
- Nuclear Cardiology
- Vascular Medicine

Updates

Archived Textbooks

2 Minute Medicine®: Cardiology

Textbooks

Tools

CME Eligible

Grid List

Fuster and Hurst's The Heart, 15e
Valentin Fuster, Jagat Narula, Prashant Vaishnava, Martin B. Leon, David J. Callans, John Rumsfeld, Athena Poppas

Cardiac Arrhythmias: Interpretation, Diagnosis, and Treatment, 2e
Eric N. Prystowsky, George J. Klein, James P. Daubert

Cardiac Surgery in the Adult, 5e
Lawrence H. Cohn, David H. Adams

Cardiology Clinical Questions, 2e
John P. Higgins, Asif Ali, David M. Filsoof

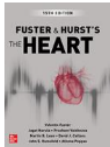
Check Out the Library at These Links

- [Complete Full-Text Library](#)
- [Archived Textbooks](#)
 - In the archived textbooks page, browse previous editions of textbooks hosted on **AccessCardiology** purposes of reference.

Books Library (continued)

Chapter Task Bar

- Each chapter in **AccessCardiology** texts features a **Chapter Task Bar** with user output functions, including skipping to chapter sections, downloading as PDF, sharing, generating citations, searching within, and adding notes. [Watch this tutorial](#) on the **Access User Center** to learn more about the Chapter Task Bar.



Chapter 2: Clinical Cardiovascular Examination

William R. Miranda; Rick A. Nishimura

Sections Download Chapter PDF Share Get Citation Search Book Annotate

Text to Speech Tool

- Each text and chapter section in **AccessCardiology** includes a **Text-to-Speech Tool** indicated with the icon tool below. Users can adjust the tool's settings under the menu to the left, including highlighting levels, text coloring, reading speed, etc.

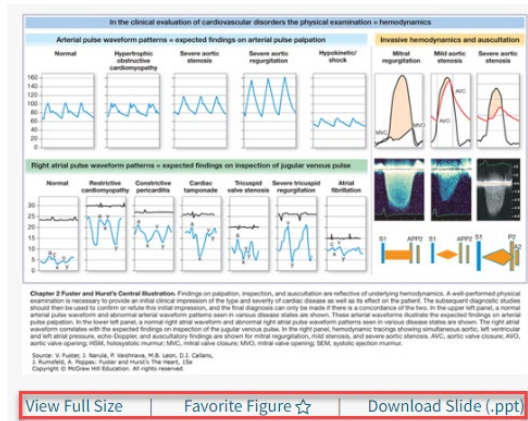


Notetaking Tool

- Hypothes.is** annotation tool allows users to take and share digital notes in each text on **AccessCardiology**. [View this User Guide](#) on the **Access User Center** to learn more about Hypothes.is.

How to Download Content

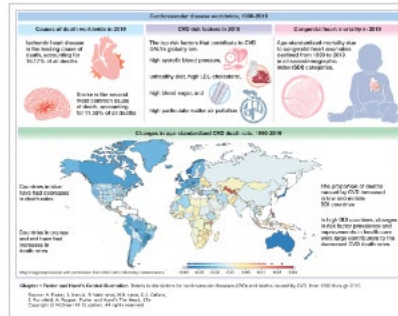
- In **AccessCardiology**, figures and tables can be downloaded (figures as PowerPoint slides with full citation attribution and tables as PDFs), viewed enlarged and in context within the text, and saved to your favorites in MyAccess profile.
- [View this guide](#) on the **Access User Center** to learn more about downloading figured and tables.



Quick Reference

Hurst's Central Illustrations

- A quick but comprehensive overview and visual summary of what is covered in each chapter of the textbook "Fuster & Hurst's The Heart"
- Illustrations can be downloaded into PowerPoint



eFig 1-01 Chapter 1: The Global Burden of Cardiovascular Diseases

[View in Context](#)

Quick Dx & Rx: Cardiology

- Authoritative clinical answers on more than 178 cardiologic disorders in the most efficient format
- Information on cardiologic disorders includes diagnostic steps, differential diagnosis, treatment recommendations, including indications for operative procedures, management of complications and much more

Cardiology Clinical Questions

- Concise, specific and evidence-based point-of-care Q&A guide to clinical cardiology
- Updated with the latest protocols and guidelines for atrial fibrillation, hypertension, congestive heart failure, valvular heart disease and other cardiologic disorders
- Covers virtually every topic seen on the wards, and simulates the consultation process: consult question → data collection → synthesis of data → solution

Guidelines

- Quick access to review some of the latest guidelines in Cardiology from authoritative and trusted bodies, including: [ACC: American College of Cardiology](#), [AHA: American Heart Association](#) and [ESC: European Society of Cardiology](#)



Quick Reference (continued)

FDA MedWatch

- Provides clinically important safety information regarding human medical products
- Organized by date with links out to the U.S. FDA site
- Useful in rotations for any pharmacovigilance activities



2 Minute Medicine®: Cardiology

- Expert physician publishing group founded out of Harvard Medical School that provides medical reports of breaking medical literature and seminal studies in medicine
- Daily reports on different topics in cardiology
- [Watch this tutorial](#) on the **Access User Center** to learn more about [2 Minute Medicine](#)



Drugs

The **Drugs** tab in **AccessCardiology** is an integrated drug database of thousands of drugs organized by generics, drug classes, and trade names. Specific drug data includes international brand names. Patient education handouts are available written in clear terms to ensure patients have access to information needed to understand how to take medications and address common questions.

Drug monograph data includes clinical pharmacology, indications and usage, contraindications, warnings and precautions, information for pregnancy and lactation, adverse reactions, drug interactions, dosing, administration, storage and compatibility, monitoring, pricing, and references.

[Watch this tutorial](#) on the **Access User Center** to learn more about the **Drug Monographs**.

[Watch this tutorial](#) on the **Access User Center** to learn more about the **Patient Handouts** available in the drug monographs.

Drug Monographs

All Drugs

Generics

Trade Names

Drug Classes


Patient Handouts

All Drugs >

Q

Bisoprolol

Basics	Pregnancy & Lactation	Storage & Compatibility	References
Clinical Pharmacology	Adverse Reactions	Monitoring	
Indications & Usage	Interactions	Patient Education	
Contraindications	Dosing	Additional Information	
Warnings/Precautions	Administration	Pricing	

Images	Description
 <p style="font-size: 0.8em; color: #0070C0;">Formulation Details</p>	<p>[UNICHEM PHARMACEUTICALS] 10 mg</p>
<p style="font-size: 0.8em; color: #0070C0;">View all</p>	

Multimedia

The Multimedia collection offers an interactive library of videos, animations, heart sounds and more.

Auscultation Classroom

- Provides users with the ability to hear an abnormal heart sound, while simultaneously watching a graphic of the intracardiac abnormality that is occurring
- Users learn proper auscultation techniques for each murmur and review clinical findings associated with the murmurs

Practice Impact Extra

- Link to podcast by Dr. Bernard Monteleone, former Head of Cardiology at St. Francis Hospital in New York
- Podcasts present an informed analysis of highly-anticipated trials and whether or not their findings could impact clinical practice guidelines and reduce the risk of cardiovascular disease

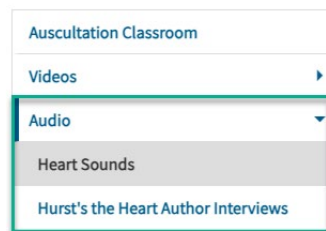
Videos

- Procedural and conceptual videos organized by different categories, such examination and evaluation, physiologic areas, and covering echocardiography, multimodal imaging, surgery and other topics in cardiology

Audio

- Allows users to listen to different heart sounds, including heart murmurs, along with a detailed description of the condition
- Gives users access to interviews with Dr. Valentin Fuster, the author of Fuster & Hurst's The Heart

Multimedia



Tools ▾

Audio > Heart Sounds



Aortic Regurgitation Decrescendo Murmur

Author(s): Daniel M. Shindler, MD, Professor of Medicine
Rutgers—Robert Wood Johnson Medical School,
New Brunswick, NJ
8 mins, 25 secs



Atrial S4 Gallop

Author(s): Daniel M. Shindler, MD, Professor of Medicine
Rutgers—Robert Wood Johnson Medical School,
New Brunswick, NJ
6 mins, 52 secs

Cases

The **Cases** tab in **AccessCardiology** provide materials for short, targeted case-based learning that require students to think critically about the content. They vary slightly but for each case, you get a patient history and systems review, followed by a detailed walk through the diagnosis and treatment of that case in addition to self-review materials and references for further reading.

Cases are durable URL-enabled. Instructors can copy the browser URL and embed in an LMS to assign to students to complete. Cases include comprehension quizzes, and the results can be emailed, e.g., student to instructor.

The screenshot displays the AccessCardiology interface. At the top, the navigation menu includes 'Books', 'Quick Reference', 'Drugs', 'Multimedia', 'Cases', 'Board Review', and 'Patient Ed'. The 'Cases' dropdown menu is open, showing 'Interventional Cardiology' and 'Hurst's 3D Cases'. Below the navigation is a search bar with the text 'Keyword Search AccessCardiology'. On the left, a 'Cases' sidebar lists 'Interventional Cardiology' and 'Hurst's 3D Cases'. The main content area features the book cover for 'Case Studies in Interventional Cardiology' by Mark J. Eisenberg, MD, MPH. Below the cover is a grid of 12 folder icons numbered 0 through 11. A breadcrumb trail at the bottom reads 'Home > Case Studies in Interventional Cardiology >'. The 'Case 1' page is shown, with a navigation bar containing 'CASE', 'ECG', 'ANGIOGRAPHY', 'INTERVENTION', 'HOSPITAL COURSE', 'FOLLOW-UP', and 'FINAL DIAGNOSIS'. Below this is a 'Related Podcast' section with a 'Listen' button. The case text describes a 70-year-old woman with a history of dyslipidemia who suffered an anterior STEMI and had a primary PCI with placement of a bare metal stent in the proximal LAD. The patient's echocardiogram showed an LVEF of 45-50% with mid/distal anteroseptal and anteroapical akinesis. Discharge prescriptions included aspirin, clopidogrel, and warfarin. The patient was referred to the hospital for emergent cardiac catheterization. At the bottom, there is a 'View Contents' section showing 'Case 1 / 51' and a 'Next: ECG' button.

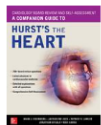
Board Review

[Ace of Hearts Flashcards](#)

- Selection of interactive flashcards covering all the main content of a traditional board review course
- Useful for high yield review or knowledge refreshment

[Hurst's Board Review](#)

- A companion guide to Hurst's the Heart, made available for self assessment and preparation for board review examinations
- Presented in the same format as Review Questions



Cardiology Board Review and Self-Assessment: A Companion Guide to Hurst's the Heart, 14e

Mark J. Eisenberg, Jonathan Afilalo, Jacqueline E. Joza, Ravi Karra, Patrick R. Lawler
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[Go to Book](#)

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

[Create Random Quiz](#)

of 1116 available

[Start Random Quiz](#)

[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](#)

Cardiovascular Disease: Past, Present, and Future

of 10 available [Chapter 1: A History of the Cardiac Diseases, and the Development of Cardiovascular Medicine as a Specialty](#)

of 10 available [Chapter 2: The Global Burden of Cardiovascular Diseases](#)

[All Review Questions](#)

- Thousands of review questions and answers associated with popular titles including "Cardiology Board Review and Self-Assessment: A Companion Guide to Hurst's the Heart", as well as other titles, designed for self-assessment
- With the review texts, users can generate random and custom review question quizzes from the most popular texts on **AccessCardiology**

Patient Education

Customizable handouts providing comprehensive, reliable healthcare information are available for adults, pediatrics, and medicines advisors in multiple languages. The [Patient Education](#) handouts are written in clear terms to ensure patients have access to needed information and are updated quarterly. If you are signed into your MyAccess profile, you can customize the handout using the “Customize” tool.

[View this guide](#) on the **Access User Center** to learn more about **Patient Education** handouts.

The screenshot shows the ACCESS Cardiology website interface. At the top, there is a navigation bar with the ACCESS Cardiology logo on the left and 'Access Provided by: McGraw Hill' on the right. Below the logo is a search bar with a 'Keyword' dropdown and a search button. The navigation menu includes 'Books', 'Quick Reference', 'Drugs', 'Multimedia', 'Cases', 'Board Review', and 'Patient Ed' (which is highlighted with a yellow box). Below the navigation bar is a search bar with a 'Keyword' dropdown and a search button. The main content area is titled 'Patient Education Handouts' and features a sidebar with three categories: 'Adult Advisor', 'Medicines Advisor', and 'Pediatric Advisor'. The 'Adult Advisor' category is selected, and the 'Heart Attack' handout is displayed. The handout title 'Heart Attack' is highlighted with a yellow box, and it includes a star icon. Below the title is the text 'Adult Advisor 2023.2 © 2023 Change Healthcare LLC and/or one of its subsidiaries'. The handout content is organized into sections: 'KEY POINTS' with three bullet points, 'What is a heart attack?' with a paragraph, and 'What is the cause?' with a paragraph. The 'KEY POINTS' section is highlighted with a yellow box.

ACCESS Cardiology™

Access Provided by: McGraw Hill

Books ▾ Quick Reference ▾ Drugs Multimedia ▾ Cases ▾ Board Review ▾ Patient Ed

Keyword ▾ Search AccessCardiology

Search

Patient Education Handouts

- Adult Advisor
- Medicines Advisor
- Pediatric Advisor

Print Download PDF Email Customize Annotate

Heart Attack

Adult Advisor 2023.2 © 2023 Change Healthcare LLC and/or one of its subsidiaries

KEY POINTS

- A heart attack happens when blood and oxygen suddenly cannot reach your heart muscle. This causes damage to your heart.
- Heart attacks require immediate hospital treatment. You may need medicine or surgery when you have a heart attack.
- Following a heart-healthy lifestyle may help treat or prevent a heart attack. For example, eat a variety of healthy foods, stay physically active, and don't smoke.

What is a heart attack?

A heart attack happens when blood flow to part of the heart is suddenly blocked. When blood and oxygen cannot reach the heart muscle, the muscle is damaged. If the blood flow is blocked too long, the heart muscle dies. When the muscle dies, the heart cannot pump blood to the rest of the body as well as it should. Too much damage to the heart can cause death.

A heart attack is also called a myocardial infarction, or MI.

What is the cause?

Support

The **Access User Center** (<https://www.accessusercenter.com/>) features additional support tools for self-guided help when using Access medical collections. Resources are provided in the menu and organized by site, i.e. AccessCardiology, AccessMedicine, AccessPharmacy, etc. Helps include tutorials, guides, and author interviews, as well as marketing and promotional materials.

The **AccessCardiology** page on the Access User Center can be found [at this link](#) which features the complete suite of tutorials, guides, and other helps to ensure a user's self-guided, effective use of **AccessCardiology**.

Also, users can check the [AccessCardiology LibGuide](#) linked through the **AccessCardiology** page on the Access User Center. This resource features additional guidance on how to navigate and use the site, research help, and links to user resources.

Contact Us

For further questions and help, please email **Customer Success Team** at **McGraw Hill** at customersuccess@mheducation.com. We strive for a 24-hour turnaround time to respond to your query.