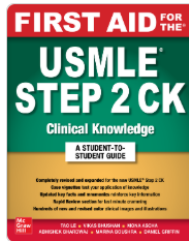


The McGraw Hill logo is positioned in the top-left corner of the page. It consists of the words "Mc", "Graw", and "Hill" stacked vertically in a white, sans-serif font, all contained within a solid red square. The background of the entire page is a light gray grid of 3D cubes, with a large red rectangular area on the right side that serves as a backdrop for the main title.

**Mc
Graw
Hill**

FIRST AID Forward Step 2 User Guide

Books



Step 2, USMLE First Aid

Start Reading

- Study the classic First Aid book, now updated in real-time right here on First Aid Forward.



First Aid Clinical Algorithms for the USMLE Step 2 CK

Start Reading

- Develop and refine your clinical thinking skills in the Clinical Algorithms book.



Step 2, Clinical Pattern Recognition (USMLE)

Start Reading

- Master the ability to determine the next best step, perform a patient workup, and effectively manage patient care with the Clinical Pattern Recognition book.

Navigating the homepage

Navigating content by book

Click Start Reading/Continue Reading to open the book

Subject:

- All
- ✓ All
- Cardiovascular
- Dermatology
- Endocrinology
- Gastrointestinal
- Gynecology
- Hematology
- Multisystem
- Musculoskeletal
- Neurology
- Obstetrics
- Periatrics

FIRST AID Forward USMLE Step 2 Get Support Alicia Cheng

First Aid Step Two and Supplementals

Search in Step Two and Supplementals

	Step 2, USMLE First Aid		First Aid Clinical Algorithms for the USMLE Step 2 CK		Step 2, Clinical Pattern Recognition (USMLE)
Start Reading		Start Reading		Start Reading	

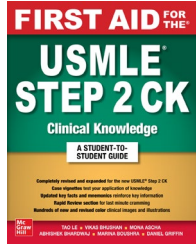
Subject:

All

+ Cardiovascular	Progress: Not Started	Quiz Practice	83 High yield topics, 79 Clinical algorithms, 70 Clinical patterns, and 98 Videos
+ Dermatology	Progress: Not Started	Quiz Practice	63 High yield topics, 62 Clinical algorithms, 49 Clinical patterns, and 30 Videos

Navigating content by subject

Click on the drop down menu to open the list of subjects



When browsing by **subjects**, click on a topic to be taken to it within the classic First Aid book.

Subject:
Cardiovascular

← Cardiovascular
Progress: Not Started
Quiz Practice

83 High yield topics, 79 Clinical algorithms, 70 Clinical patterns, and 98 Videos

High Yield Topics in Cardiovascular

(i) High yield topics are a curated list of targeted topics that align with the USMLE content blueprint. ×

Filter topics in Cardiovascular
 Show Algorithms
 Show Patterns
 Show Videos
 [Subscribe to View All](#)

1st degree AV block

📖 [Bradyarrhythmias and Conduction Abnormalities](#)

📖 [Bradyarrhythmias](#)

🎥 [Palpitations/Syncope/Arrhythmias](#)

B&B [Video: EKG Interpretation](#) ⓘ

B&B [Video: Bradycardia](#)

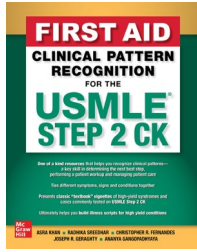
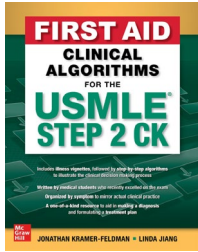
2nd degree AV block

📖 [Bradyarrhythmias and Conduction Abnormalities](#)

📖 [Bradyarrhythmias](#)

🎥 [Palpitations/Syncope/Arrhythmias](#)

B&B [Video: Bradycardia](#)



To view the Algorithms or Patterns, be sure to select the appropriate check boxes

Subject:
Cardiovascular

⊖ Cardiovascular
Progress: Not Started
Quiz Practice

83 High yield topics, 79 Clinical algorithms, 70 Clinical patterns, and 98 Videos

High Yield Topics in Cardiovascular

i High yield topics are a curated list of targeted topics that align with the USMLE content blueprint. ✕

Filter topics in Cardiovascular

Show Algorithms
 Show Patterns
 Show Videos
[Subscribe to View All](#)

1st degree AV block

📖 [Bradyarrhythmias and Conduction Abnormalities](#)

📖 [Bradyarrhythmias](#)

🎥 [Palpitations/Syncope/Arrhythmias](#)

B&B [Video: EKG Interpretation](#) i

B&B [Video: Bradycardia](#)

2nd degree AV block

📖 [Bradyarrhythmias and Conduction Abnormalities](#)

📖 [Bradyarrhythmias](#)

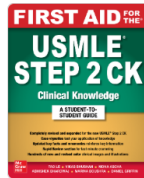
🎥 [Palpitations/Syncope/Arrhythmias](#)

B&B [Video: Bradycardia](#)

Use the universal search bar at the top of the page to search across all of First Aid Forward –Step 2.

First Aid Step Two and Supplementals

Search in Step Two and Supplementals



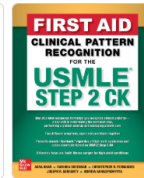
Step 2, USMLE First Aid

Start Reading



First Aid Clinical Algorithms for the USMLE Step 2 CK

Start Reading



Step 2, Clinical Pattern Recognition (USMLE)

Start Reading

Subject:

All

+ Cardiovascular

Progress: Not Started

Quiz Practice

83 High yield topics, 79 Clinical algorithms, 70 Clinical patterns, and 98 Videos

Results are organized by book

- Classic First Aid
- Clinical Algorithms
- Clinical Patterns

Showing results for "Acute Pericarditis"

Acute Pericarditis

Showing 20 of 60 results

Step Two (20 results) Clinical Algorithms (20 results) Clinical Patterns (20 results)

21 Cardiovascular > Pericardial Disease > Acute Pericarditis

pericarditis inflammation around the wall.

pericarditis inflammation around the wall.

Acute pericarditis can compromise cardiac output via tamponade (extravasation of large amounts of fluid)

pericarditis.

Glucocorticoids should be used for initial treatment of acute pericarditis only in patients with contraindications

Acute Pericarditis

Explore the different subjects by clicking on the arrow icon

The screenshot shows a search results window titled "Showing results for 'Acute Pericarditis'". The search bar contains "Acute Pericarditis". Below the search bar, it indicates "Showing 20 of 60 results" and lists three categories: "Step Two (20 results)", "Clinical Algorithms (20 results)", and "Clinical Patterns (20 results)". The first result is "21 Cardiovascular > Pericardial Disease > Acute Pericarditis", which is highlighted with a red box. Below this result, there are several text snippets, each starting with a blue box containing the word "pericarditis" followed by the text "inflammation around the wall." or "Acute pericarditis can compromise cardiac output via tamponade (extravasation of large amounts of fluid)".

Explore the different subjects by clicking on the arrow icon

Showing results for "Acute Pericarditis" ×

Acute Pericarditis

Showing 20 of 60 results (i)

Step Two (20 results)

Clinical Algorithms (20 results)

Clinical Patterns (20 results)

2.1 Cardiovascular > Pericardial Disease >
Acute Pericarditis

2.1 Cardiovascular > Pericardial Disease >
Constrictive Pericarditis

2.1 Cardiovascular > Introduction >
Introduction

2.1 Cardiovascular > Pericardial Disease >
Pericardial Disease

2.15 Renal/Genitourinary > Acute Kidney Injury >
Acute Kidney Injury

2.14 Pulmonary > Acute Respiratory Failure >
Mechanical Ventilation

2.6 Gastrointestinal > Disorders of the Small Bowel >
Acute Abdomen

2.1 Cardiovascular > Pericardial Disease >
Pericardial Effusion

Reading

- Click on the Contents tab for more navigation options
- Use the next and previous buttons to flip through pages
- Search across the book using the built-in search functionality

The screenshot displays the McGraw Hill First Aid Forward Step 2 interface. At the top, there is a navigation bar with a home icon, the text "/ Step 2", a search icon, "Get Support", and the user name "Alicia Cheng". Below this is a secondary navigation bar with a "Contents" tab, a left arrow, a right arrow, and a "Next" tab. The main content area is titled "Cardiovascular: Pericardial Disease" and features the article "Acute Pericarditis". The article text states: "Acute pericarditis refers to inflammation of the pericardial sac. It may be either the first manifestation of an underlying systemic disease or represent an isolated process. Etiologies include:" followed by a bulleted list of etiologies. A "Key Fact" box is present, containing text about uremic pericarditis. At the bottom, there are two small images labeled A and B, showing echocardiographic views of the heart with red arrows pointing to specific features.

Contents Next Search Aa

Cardiovascular: Pericardial Disease

Acute Pericarditis

Acute pericarditis refers to inflammation of the pericardial sac. It may be either the first manifestation of an underlying systemic disease or represent an isolated process. Etiologies include:

- Idiopathic
- Infectious (most common infection, likely etiology Coxsackie B virus, *Staphylococcus*, *Streptococcus*, tuberculosis [TB])
- Connective tissue disorder (ie, systemic lupus erythematosus [SLE], rheumatoid arthritis, Goodpasture syndrome)
- Post-MI (either within days after MI or as a delayed phenomenon, ie, Dressler syndrome)
- Uremia
- Neoplasms
- Drugs
- Radiation
- Trauma or open heart surgery ([Fig. 21-24](#)).

Key Fact

Consider uremic pericarditis in a patient with end-stage renal disease and azotemia. It is characterized by prominent fibrin deposition but no epicardial inflammation; thus classical ECG changes (diffuse ST elevation, PR depression) are not seen. Treatment is with hemodialysis.

A B

Annotation tool bar

To annotate, drag/select the text

You'll be able to:

- **Highlight**
- **Underline**
- **Add annotation box**
- **Add annotation circle**
- **Add Placemark**
- **Add Note**
- **Read selected text**
- **Enable AI Reader**

The screenshot shows a digital textbook page titled "Cardiovascular: Pericardial Disease" with a sub-heading "Acute Pericarditis". The text describes the condition and lists etiologies. An annotation tool bar is overlaid on the text, showing icons for highlight, underline, add annotation box, add annotation circle, add placemark, add note, read selected text, and enable AI reader. A tooltip "Add annotation highlight" is visible over the highlight icon. Below the text, there is a "Key Fact" box and two echocardiogram images labeled A and B.

Cardiovascular: Pericardial Disease

Acute Pericarditis

Acute pericarditis refers to inflammation of the pericardial sac. It may be either the first manifestation of an underlying systemic disease or represent an isolated process. Etiologies include:

- Idiopathic
- Infectious (most common) (*Staphylococcus, Streptococcus, tuberculosis [TB]*)
- Connective tissue disease (systemic lupus erythematosus [SLE], rheumatoid arthritis, Goodpasture syndrome)
- Post-MI (either within days after MI or as a delayed phenomenon, ie, Dressler syndrome)
- Uremia
- Neoplasms
- Drugs
- Radiation
- Trauma or open heart surgery ([Fig. 2.1-24](#)).

▼ **Key Fact**

Consider uremic pericarditis in a patient with end-stage renal disease and azotemia. It is characterized by prominent fibrin deposition but no epicardial inflammation; thus classical ECG changes (diffuse ST elevation, PR depression) are not seen. Treatment is with hemodialysis.

A B

Quiz Practice

First Aid Forward quizzes are case-style 'quick-hit' questions that are created to test your foundational knowledge of a particular topic to prepare you for the longer USMLE-style vignettes.

- The progress bar next to each subject summarizes your most recent quiz attempt.
- Click on Quiz Practice to see more details about the quiz

The screenshot shows the 'FIRST AID Forward' interface for 'USMLE Step 2'. At the top, there is a search bar containing 'Acute Pericarditis'. Below the search bar, three book covers are displayed: 'Step 2, USMLE First Aid', 'First Aid Clinical Algorithms for the USMLE Step 2 CK', and 'Step 2, Clinical Pattern Recognition (USMLE)'. Each book has a 'Continue Reading' or 'Start Reading' button.

Below the books is a 'Subject:' dropdown menu set to 'All'. Underneath, there is a list of subjects with progress bars and 'Quiz Practice' buttons:

Subject	Progress	Quiz Practice	Content Summary
Cardiovascular	Progress: Not Started	Quiz Practice	83 High yield topics, 79 Clinical algorithms, 70 Clinical patterns, and 98 Videos
Dermatology	Progress: Not Started	Quiz Practice	63 High yield topics, 62 Clinical algorithms, 49 Clinical patterns, and 30 Videos
Endocrinology	Progress: Not Started	Quiz Practice	50 High yield topics, 50 Clinical algorithms, 45 Clinical patterns, and 56 Videos

Quiz Practice

You can take a quiz in two modes:
Quiz Mode or Tutor Mode.

- In Tutor Attempt, you will see the correct answer to each question after submitting your answer. You'll also have a full explanation of the answers.

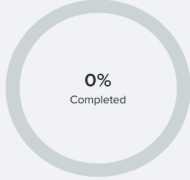


Close

Cardiovascular

Session Details

Number of questions: **186**
Number of Topics in a quiz: **83**

Current Attempt

Progress	Attempt	Correct vs Incorrect
 <p>0% Completed</p>	 <p>0</p>	 <p>186 Total</p> <p>■ 0 Correct ■ 0 Incorrect</p>

Start Quiz Attempt Start Tutor Attempt ⓘ

Quiz Practice

Click "Next Question" to continue through the quiz.

Do note that in a quiz, you can only go forward through the quiz, click "Close Tutor" or "Close Quiz" to return to the homepage of FIRST AID Forward.

You can return to an unfinished quiz attempt at any time by clicking "Quiz Practice"

Question 1 of 186

Close Quiz

A 47 year-old man presents with acute-onset shortness of breath. On exam, he is tachycardic, hypotensive, and has cool extremities, findings suggestive of cardiogenic shock. Which of the following findings would you also expect to see?

- A) Decreased jugular venous pressure
- B) Decreased breath sounds
- C) Decreased peripheral vascular resistance
- D) Increased lactate
- E) Decreased pulmonary capillary wedge pressure

Next Question

Quiz Review

To review your previous quiz attempts, click on "View" under scoresheet.

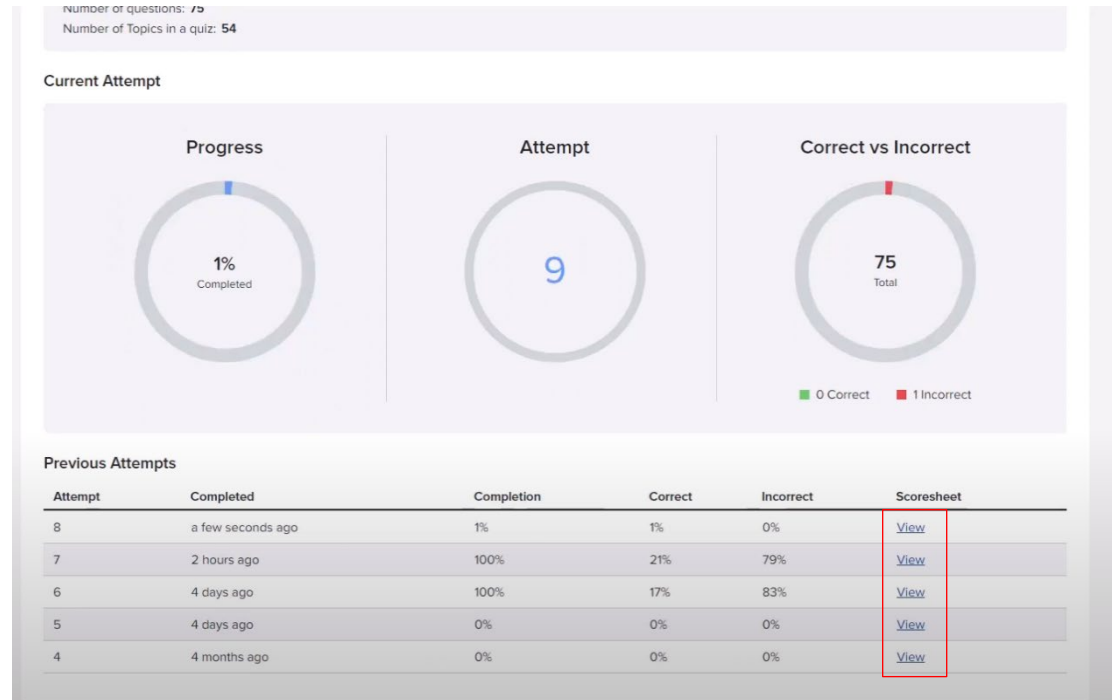
The scoresheet includes information and tools to help you maximize your study time.

It includes:

- your overall score on this quiz attempt
- your score per question
- your answer for each question
- the correct answer
- an explanation for each question's answer.

For dedicated review, use the **Sort by Topics** feature at the top of the page to narrow down questions by topic

You can also use **Filter** to filter by Correct or Incorrect answers to focus on those questions you need review the most.



Troubleshooting

For additional help, please click on the “Get Support” icon at the top of the page to be taken to our FAQs.

You may also wish to email us directly at: firstaidforwardsupport@mheducation.com

More resources on Access User Center: [First Aid Forward | Access User Center](#)

First Aid Step Two and Supplementals

Search in Step Two and Supplementals

<p>Step 2, USMLE First Aid</p> <p>Start Reading</p>	<p>First Aid Clinical Algorithms for the USMLE Step 2 CK</p> <p>Start Reading</p>	<p>Step 2, Clinical Pattern Recognition (USMLE)</p> <p>Start Reading</p>
---	---	--

Subject:

All

HIGHER EDUCATION
Digital Technical Support

First Aid Forward

How do I login to First Aid Forward?

1. Go to firstaid.mheducation.com
2. Enter your email address and click Continue. Note: if your institution purchased a subscription for you, be sure to use your institutional email address (e.g. johnsmith@university.edu)
3. Click Send Magic Link
4. Check your email: you will have received an email from us with the subject line “Your McGraw Hill magic link”
5. Click on the magic link in the email to be logged into First Aid Forward

I know my login but am getting an error when trying to access my steps.

When students sign in to First Aid Forward with their institutional email, the system may suggest to select between Step 1 and Step 2 services.

If the user had not logged in for a while their license might have become inactive. In order for the license to become active the student should do the following:

- Go to the Step One URL directly: <https://firstaid.mheducation.com/step-one>
- Enter their institutional email and send themselves a Magic Link to get the license back
- Make sure you entered your email address correctly.
- Magic links expire after 24 hours. If you need a new magic link, go to

ANNOUNCEMENTS

No Upcoming Announcement

QUICK LINKS

- [Contact a Technical Support Representative](#)
- [Check the McGraw-Hill System Status](#)
- [Check Your Device Setup](#)
- [Get ALEKS Support](#)
- [Instructor Orientation](#)
- [Connect On Demand Webinars by discipline](#)
- [Info about moving courses online \(ALEKS\)](#)

[Student Resources](#)

[Registration & Access](#)

[Instructor Resources](#)

[Product Refunds](#)

[Administrator Resources](#)

[Contact Us](#)