

Acute coronary syndrome (pp 677	Angina pectoris (pp 677
Cardiac arrest (pp 677	Compare the difference between the fully automated and the semiautomated defibrillator
Define cardiac arrest.	Demonstrate how to administer nitroglycerin. (pp 697–699, Skill Drill 17-1) 4. Demonstrate how to attach a cardiac monitor to obtain an ECG. (pp 700–702, Skill Drill 17-2) 5. Demon
Demonstrate how to perform CPR	Demonstrate how to perform CPR.
Demonstrate how to provide emergency medical care for a patient with chest pain or discomfort	Describe AED maintenance procedures.

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<p>Describe the anatomy, physiology, pathophysiology, assessment, and management of angina pectoris</p>	<p>Describe the anatomy, physiology, pathophysiology, assessment, and management of thromboembolism</p>
<p>Describe the anatomy, physiology, pathophysiology, assessment, and management of aortic aneurysm/dissection</p>	<p>Describe the anatomy, physiology, pathophysiology, assessment, and management of myocardial infarction</p>
<p>Describe the anatomy, signs and symptoms, and management of hypertensive emergencies</p>	<p>Describe the components of patient care following AED shocks</p>
<p>Describe the different types of AEDs</p>	<p>Describe the different types of AEDs.</p>
<p>Describe the emergency medical care for the patient with cardiac arrest</p>	<p>Describe the steps to take in the assessment of a patient with chest pain or discomfort</p>

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<p>Discuss the basic anatomy and physiology of the cardiovascular system</p>	<p>Discuss the importance of coordinating with ALS personnel</p>
<p>Discuss the importance of practice and continuing education with the AED</p>	<p>Discuss the pathophysiology of the cardiovascular system</p>
<p>Discuss the procedures to follow for standard operation of the various types of AEDs</p>	<p>Discuss the reasons for early defibrillation</p>
<p>Discuss the reasons for early defibrillation.</p>	<p>Explain criteria for transport of the patient for advanced life support (ALS) following CPR and defibrillation</p>
<p>Explain the assessment for patients with cardiovascular problems</p>	<p>Explain the circumstances that may result in inappropriate shocks from an AED</p>

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Explain the need for a case review of each incident in which an AED is used	Explain the reason not to touch the patient, such as by delivering CPR, while the AED is analyzing the heart rhythm and delivering shocks
Explain the relationship between airway management and the patient with cardiac compromise	Explain the relationship of age to energy delivery
Explain the role of medical direction in the use of AEDs	Explain the use of remote adhesive defibrillator pads
Give the indications and contraindications for the use of aspirin and nitroglycerin	Heart failure (pp 677)
Hypertensive emergencies (pp 677)	Immediate CPR with emphasis on high

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<p>List quality improvement goals relating to AEDs</p>	<p>List the indications and contraindications for use of an AED</p>
<p>Myocardial infarction (pp 677</p>	<p>Recognize that many patients will have had cardiac surgery and may have implanted pacemakers or defibrillators</p>
<p>Recognize that not all patients in cardiac arrest require an electric shock</p>	<p>Thromboembolism (pp 677</p>

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