



ACLS PREP

IN A HEART BEAT

ACLS REVIEW MATERIAL



SIMSUITE[®]
MEDICAL SIMULATION CORPORATION

SimSuite ACLS Review Material

Medical Simulation Corporation (MSC) provides all healthcare professionals with an efficient method for learning the fundamentals of ACLS. The SimSuite ACLS Review Material course is available online and can be completed anytime and anywhere you have access to a computer. [*Please note: completion of this course will **NOT** result in an ACLS Provider Card.]

Overview

Advanced Cardiac Life Support (ACLS) refers to a set of clinical interventions for the urgent treatment of cardiac arrest and other life-threatening medical emergencies as well as the knowledge and skills to deploy those interventions.¹ Heart disease remains the leading cause of mortality in the United States. According to the National Center for Health Statistics, approximately 685,000 individuals died in 2003 from cardiac causes. In many hospitals, Emergency Room, Operating Room, and ICU staff are required to maintain ACLS certification. However, patient safety and the quality of care would improve dramatically if all healthcare professionals possessed basic knowledge in the management of respiratory and cardiac arrest.

Course Objectives

This online didactic module is designed to present a comprehensive overview of essential cardiac life support topics that may assist healthcare professionals in establishing a foundation in ACLS protocols.

Target Audience

The SimSuite ACLS Review Material course is suitable for physicians, nurses, emergency medical technicians, paramedics, respiratory therapists, pharmacists, pharmacy technicians, and other professionals who may respond in a respiratory or cardiovascular emergency. This course may also benefit healthcare providers who are not first responders or are not required to maintain an ACLS Provider Card but are interested in learning ACLS protocols.

Course Description and Features

Didactic content includes:

- Review of ECG rhythm strips
- Review of cardiac pharmacology
- Review of ACLS algorithms

- 10 clinical scenarios:
 - ◆ Respiratory Compromise
 - ◆ Ventricular Fibrillation: CPR/AED
 - ◆ Ventricular Fibrillation/Pulseless Ventricular Tachycardia
 - ◆ Pulseless Electrical Activity (PEA)
 - ◆ Asystole
 - ◆ Acute Coronary Syndromes (ACS): Patients with Acute Ischemic Chest Pain
 - ◆ Bradycardias
 - ◆ Unstable Tachycardia
 - ◆ Stable Tachycardia
 - ◆ Acute Ischemic Stroke

Benefits

- Online convenience and flexibility: available anytime, anywhere
- Self-paced learning
- Guideline driven
- Supplements staff orientation programs and continuing education

How to Get Started

Go to www.medsimulation.com. Select "Courses" from the main tool bar. Select "Online Courses" and then select "ACLS Review Materials." You will be prompted to enter your MSC login information or to create an MSC account if you do not already have one. After logging in or completing the account registration, you will be taken directly to the course.

Healthcare professionals who have access to a SimSuite System at their institution may make an appointment with their SimSuite Clinical Educator to obtain a user name and password.

References:

¹ACLS: *Principles and Practice*. p. 1. Dallas: American Heart Association, 2003. ISBN 0-87493-341-2

For more information, contact HealthcareGroup@medsimulation.com.