

# Comprehensive Rhythm Review and Clinical Application

Contact Hours: 6.75 CE

## Introduction

The analysis of rhythm strips is an important part of the care of cardiac patients. This seminar reviews the physiology involved in the electrical system of the heart and then explains the mechanism behind the formation of rhythms. The session incorporates not only rhythm recognition but also clinical presentations and potential treatment modalities used in clinical practice today. An extensive handout is included with a multitude of strips. Dynamic rhythm recognition and case study review is also used.



Participants taking this course should have a beginning understanding of dysrhythmias. The session is designed to build on the foundation the participant has and elevate the knowledge and interpretation level involving dysrhythmias.

## Objectives

1. Describe the physiology and clinical significance of electrical generation and conduction in cardiac tissue and abnormalities which may occur.
2. Recognize the various types of slow rhythms seen in cardiac patients, the distinguishing ECG characteristics, clinical presentation, and appropriate management.
3. Recognize the various rhythm patterns that can be seen in patients with temporary or permanent pacemakers.
4. Identify and initiate appropriate treatment for patients in ventricular fibrillation or pulseless ventricular tachycardia.
5. Distinguish between the characteristics of the various atrial dysrhythmias and appropriate treatment.
6. Identify the characteristics of the wide versus narrow complex rhythms and appropriate treatment.
7. State the appropriate differential diagnosis and treatment options in patients with pulseless electrical activity or asystole.
8. Describe the causes, clinical presentation, rhythms, and initial management of patients in pulmonary edema and shock.
9. Distinguish between several advanced dysrhythmias which may be seen in patients with coronary artery disease.
10. Identify various cardiac dysrhythmias and appropriate interventions during a rhythm review session.

**Recent seminar participants had this to say about  
“Comprehensive Rhythm Review and Clinical Application”:**



*“We are very grateful to have this course brought to our hospital. It was an amazing class and the instructor was so calm, collected, and in tune with our nurses. She makes the learning process easier.”*

*“Instructor has an excellent way of making rhythms easier to understand. I loved all the clinical correlation to make it applicable to my practice and patients.”*

*“This was a great review which will enable me to provide better care for my cardiac patients. I finally understand some rhythms I had been*

*having trouble with.”*

*“I enjoyed this class very much. It was a great refresher of many rhythms commonly seen. Reminded me of what I need to spend more time with.”*

*“Fantastic refresher course with advanced material presented to further my knowledge. Very interesting and educational!”*



*Cynthia Liette, MS, APRN, ACNS-BC, CCRN*  
President and Principle Consultant

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