
Objectives and Program Schedule

MedBridge Education

How ECG Rhythms Impact a Patient's Activity Tolerance

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Chapter 1 Electromechanical coupling

The participant will

- Understand the role of the cardiac valves in the pressure difference between diastole and systole
- Understand the sequence of the propagation of a normal cardiac electrical impulse
- Describe the interrelationship between the electrical and mechanical function of the heart

Chapter 2 Sinus rhythms or arrhythmias-what defines a problem?

The participant will

- Identify a normal sinus rhythm
- Recognize when the components between complexes is not consistent
- Name the determinants that define a patient's tolerance of exercise interventions

Chapter 3 Supraventricular arrhythmias pathophysiology and presentation in all practice settings

The participant will

- Identify rhythms that have p wave abnormalities
- Explain the reason why cardiac output is compromised in supraventricular arrhythmias
- Name the determinants that define a patient's tolerance of exercise interventions

Chapter 4 Exercise considerations in patients with Atrial Fibrillation and Atrial Flutter

The participant will

- Understand rate control versus rhythm control
- Understand the definition of rate control as it applies to exercise prescription
- Name the determinants that define a patient's tolerance of exercise interventions

Chapter 5 Ventricular arrhythmias pathophysiology and presentation in all practice settings

The participant will

- Understand unifocal versus multifocal PVC's
- Define the difference between a radial pulse and heart rate
- Name the determinants that define a patient's tolerance of exercise interventions