

EMC 451
Study Guide Exam 3

The exam consists of 40 multiple choice questions at 1 point each, and 6 EKGs at 10 points each. The questions come directly from the lectures. Because this was a very short unit, you can probably guess what the EKGs are. If not, here's a hint: be able to distinguish between VT and aberrant SVT, and be able to identify WPW and LGL. The cheat sheet with the Brugada criteria is included in the exam. The goal is for you to be able to apply the criteria to the strips. Memorizing the Brugada criteria isn't practical.

As for the MC questions, here are some suggested topics:

What is the mechanism responsible for aberrant conduction?

What are the hazards of using Verapamil in V-tach?

What are some of the side effects of Adenosine?

What are some findings suggesting A-V dissociation?

What are the revised sensitivity/specificity of the Brugada criteria?

What factors of the patient's history can assist in differentiating VT and aberrant SVT?

Be able to use the Brugada criteria.

How can carotid sinus massage and heart sounds be used to differentiate VT and aberrant SVT?

What are the mechanisms of preexcitation syndromes?

What is the normal delay in conduction through the AV node?

Who are the at-risk groups for WPW and LGL?

What are the EKG criteria for WPW and LGL?

What are the immediate threats to life in
WPW and LGL?

What medications should be avoided in WPW?

What are the treatments for LGL and WPW?