

Syllabus

KSS 5250 – Exercise Electrocardiography

Fall 2012

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Course Description:

An introduction to the clinical applications of ECG reading including the basic principles of electrocardiography, interpretation of normal ECG and interpretation of common abnormal ECG patterns from 12 lead tracing and rhythm strips at rest and during exercise

Objectives:

- Understanding the factors that contribute to a normal and abnormal ECG patterns at rest and during exercise.
- Identify the various normal and abnormal ECG patterns at rest and during exercise.

Course Content:

1. Basic ECG leads and patterns
2. Electrical Axis and Axis Deviation
3. Atrial and Ventricular Enlargement
4. Ventricular Conduction Disturbances
5. Myocardial Ischemia and Infarction
6. Exercise ECG Interpretation

Text: *Clinical Electrocardiography* by Goldberger, 8th edition.

Evaluation:

Exams: 50 points (in class or computer lab)

Quizzes: 10 points

ECG Simulator: 25 points

Grading:

A ≤ 90% of total points

B 80-89% of total points

C 70-79% of total points

D 60-69% of total points

F < 60% of total points

Disability Statement: If you have a documented disability and wish to receive academic accommodations, please contact the Coordinator of the Office of Disability Services (217-581-6583).