Dysrhythmia (BASIC) Exam Content Outline

Exam Objective: To measure the overall level of clinical knowledge in the area of Basic Rhythm Interpretation.

Knowledge Domains - Dysrhythmia (BASIC)

- Atrial: 26%
- Heart Blocks: 26%
- Junctional: 9%
- Paced: 6%
- Sinus: 31%
- Ventricular: 3%

All Strips on the assessment are 6 seconds in length

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I. Rhythm Interpretation – Sinus
   A. Normal Sinus Rhythm
   B. Bradycardia
   C. Tachycardia

II. Rhythm Interpretation – Atrial
   A. Atrial Fibrillation
   B. Atrial Fibrillation with Rapid Ventricular Response
   C. Atrial Flutter
   D. PAC’s (Premature Atrial Contraction)

III. Rhythm Interpretation – AV (Atrioventricular) Heart Blocks
   A. 2\textsuperscript{nd} degree AV Block – Mobitz I
   B. 2\textsuperscript{nd} degree AV Block – Mobitz II
   C. 3\textsuperscript{rd} degree AV Block

IV. Rhythm Interpretation – Junctional

V. Rhythm Interpretation – Paced

VI. Rhythm Interpretation – Ventricular
   A. Asystole
   B. PVC’s (Premature Ventricular Contraction)
   C. PVC’s – Bigeminy
   D. Ventricular Fibrillation (VFib)
   E. Ventricular Tachycardia (VTach)

VII. Sinus Bradycardia with Couplet
Basic Steps to Rhythm Interpretation

1. Is the rhythm regular or irregular
2. What is the rate?
3. Is the rate too slow or too fast?
4. Is there a P-wave for every QRS?
5. Is there a QRS complex for every P-wave?
6. What is the P-R interval? Is it constant?
7. Is the R-R interval regular?
8. What is the QRS duration?
9. Is the QRS wide or narrow?
10. Are the QRS complexes grouped or not grouped?

Helpful Resources for Dysrhythmia Review & Remediation:

http://highered.mcgraw-hill.com/sites/0073520713/student_view0/ecg_exercises.html#AVHB

http://www.skillstat.com/tools/ecg-simulator

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