

#### Practice 1

1. 60bpm
2. Yes
3. 0.04 seconds/1mm
4. 0.16 seconds/4mm
5. Normal sinus
6. No
7. Continue to monitor

#### Practice 2

1. 80bpm
2. Yes
3. 0.08 seconds/2mm
4. 0.12 seconds/3mm
5. Normal sinus
6. No
7. Continue to monitor

#### Practice 3

1. 120bpm
2. Yes
3. 0.08 seconds/2mm
4. 0.16 seconds/4mm
5. Sinus tachycardia
6. Yes, increased O<sub>2</sub> consumption, dizziness, dyspnea, hypotension
7. Treatment depends on underlying cause; Pain management, beta blockers or calcium channel blockers

#### Practice 4

1. 120bpm
2. No
3. 0.04 seconds/1mm
4. 0.08 seconds/2mm
5. Paroxymal Supraventricular Tachycardia
6. Yes; decreased cardiac output because of reduced stroke volume, hypotension, palpitations, dyspnea, angina
7. Vagal stimulation and adenosine

#### Practice 5

1. 130bpm
2. No
3. 0.24 seconds/6mm
4. 0.2 seconds/5mm

5. Ventricular Tachycardia
6. Yes; decrease in cardiac output, hypotension, cardiopulmonary arrest
7. CPR and rapid defibrillation

#### Practice 6

1. 0bpm
2. No
3. N/A
4. N/A
5. Asystole
6. Yes; the patient is dead
7. CPR will be initiated

#### Practice 7

1. 100bpm
2. No
3. 0.08 seconds/2mm
4. N/A
5. Atrial flutter
6. Yes; decreased cardiac output, HF
7. The patient should be taken to the cath lab

#### Practice 8

1. 70bpm
2. Yes
3. 0.12 seconds/3mm
4. 0.4 seconds/10mm
5. Sinus with ST elevation
6. Yes; MI or asystole is likely to occur
7. Drug therapy and electrolyte replacement therapy, anticoagulation therapy