ADVANCED CARDIOVASCULAR LIFE SUPPORT
RHYTHM INTERPRETATION REVIEW

Analyse each rhythm strip presented below. An answer key is provided. Knowledge of rhythm interpretation is a prerequisite for Advanced Cardiovascular Life Support courses.

1.

2.

3.
# ANSWER KEY TO RHYTHM INTERPRETATION REVIEW

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ventricular Fibrillation</td>
</tr>
<tr>
<td>2</td>
<td>Sinus Rhythm with PJC's</td>
</tr>
<tr>
<td>3</td>
<td>2nd Degree Heart Block Mobitz Type I</td>
</tr>
<tr>
<td>4</td>
<td>Atrial Fibrillation</td>
</tr>
<tr>
<td>5</td>
<td>Sinus Rhythm with Multifocal PVC's</td>
</tr>
<tr>
<td>7</td>
<td>Sinus Rhythm with Unifocal PVCs</td>
</tr>
<tr>
<td>6</td>
<td>1st Degree Heart Block</td>
</tr>
<tr>
<td>8</td>
<td>Sinus Rhythm with PAC's</td>
</tr>
<tr>
<td>9</td>
<td>Accelerated Junctional Rhythm</td>
</tr>
<tr>
<td>10</td>
<td>Asystole</td>
</tr>
<tr>
<td>11</td>
<td>Junctional Escape Rhythm</td>
</tr>
<tr>
<td>12</td>
<td>Normal Sinus Rhythm</td>
</tr>
<tr>
<td>13</td>
<td>Ventricular Tachycardia</td>
</tr>
<tr>
<td>14</td>
<td>Sinus Bradycardia</td>
</tr>
<tr>
<td>15</td>
<td>Ventricular Bigeminy</td>
</tr>
<tr>
<td>16</td>
<td>Sinus Tachycardia</td>
</tr>
<tr>
<td>17</td>
<td>3rd Degree Heart Block (complete)</td>
</tr>
<tr>
<td>18</td>
<td>Idioventricular Rhythm</td>
</tr>
<tr>
<td>19</td>
<td>Atrial Flutter</td>
</tr>
<tr>
<td>20</td>
<td>2nd Degree Heart Block Mobitz Type II</td>
</tr>
</tbody>
</table>
ECG Analysis

Name the following rhythms from the list below:

Normal Sinus Rhythm NSR  Sinus Bradycardia
Sinus Tachycardia  Atrial Flutter
Supraventricular Tachycardia SVT  Atrial Fibrillation
Fine Ventricular Fibrillation  Coarse Ventricular Fibrillation
Monomorphic VTach  Polymorphic VTach (Torsades)
2nd degree I Block  2nd degree II Block
3rd degree block  Asystole

1.

2.

3.

4.
Name the following rhythms from the list below:

Normal Sinus Rhythm NSR
Sinus Tachycardia
Supraventricular Tachycardia SVT
Fine Ventricular Fibrillation
Monomorphic VTach
2\textsuperscript{nd} degree I Block
3\textsuperscript{rd} degree block
Sinus Bradycardia
Atrial Flutter
Atrial Fibrillation
Coarse Ventricular Fibrillation
Polymorphic VTach (Torsades)
2\textsuperscript{nd} degree II Block
Asystole
Name the following rhythms from the list below:

<table>
<thead>
<tr>
<th>Normal Sinus Rhythm NSR</th>
<th>Sinus Bradycardia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sinus Tachycardia</td>
<td>Atrial Flutter</td>
</tr>
<tr>
<td>Supraventricular Tachycardia SVT</td>
<td>Atrial Fibrillation</td>
</tr>
<tr>
<td>Fine Ventricular Fibrillation</td>
<td>Coarse Ventricular Fibrillation</td>
</tr>
<tr>
<td>Monomorphic VTach</td>
<td>Polymorphic VTach (Torsades)</td>
</tr>
<tr>
<td>2nd degree I Block</td>
<td>2nd degree II Block</td>
</tr>
<tr>
<td>3rd degree block</td>
<td>Asystole</td>
</tr>
</tbody>
</table>

10. [ECG image]

11. [ECG image]

12. [ECG image]

13. [ECG image]

14. [ECG image]
Name the following rhythms from the list below:

- Normal Sinus Rhythm NSR
- Sinus Tachycardia
- Supraventricular Tachycardia SVT
- Fine Ventricular Fibrillation
- Monomorphic VTach
- 2\textsuperscript{nd} degree I Block
- 3\textsuperscript{rd} degree block
- Sinus Bradycardia
- Atrial Flutter
- Atrial Fibrillation
- Coarse Ventricular Fibrillation
- Polymorphic VTach (Torsades)
- 2\textsuperscript{nd} degree II Block
- Asystole
## ECG Analysis

1. ________________
2. ________________
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16. ________________
17. ________________
18. ________________
19. ________________
20. ________________
ECG Analysis

1. Supraventricular Tachycardia (SVT)
2. Fine Ventricular Fibrillation
3. 2nd degree Type II Block
4. NSR
5. SVT
6. Asystole
7. Polymorphic VTach
8. SVT
9. Sinus Brady
10. 2nd degree Type II Block
11. Sinus Tachycardia
12. 3rd degree Block
13. 2nd degree Type I Block
14. Sinus Brady
15. Atrial Flutter
16. Coarse VFib
17. Monomorphous VTach
18. 3rd degree Block
19. Atrial Fibrillation
20. Fine VFib