

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8" />
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
  <title>Self Care - About Classification of Arrhythmia</title>
```

```
  <link rel="shortcut icon" href="{{url_for('static', filename='images/fevicon.png')}}" type="image/x-icon">
```

```
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/aos/2.3.1/aos.css" />
```

```
  <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@600&display=swap" rel="stylesheet" />
```

```
  <link rel="stylesheet" href="{{url_for('static', filename='css/style.css')}}" />
```

```
  <script src="https://kit.fontawesome.com/64d58efce2.js" crossorigin="anonymous">
```

```
</script>
```

```
<style>
```

```
  .banner {
```

```
    margin: 60px;
```

```
    width: auto;
```

```
    height: 300px;
```

```
    /* Setup */
```

```
    background-color: #fff;
```

```
    box-shadow: rgba(0, 0, 0, 0.15) 2.4px 2.4px 3.2px;
```

```
    display: flex;
```

```
    flex-direction: row;
```

```
    padding: 50px;
```

```
  }
```

```
  .bannerText h1 {
```

```
    font-size: 3vw;
```

```
    color: #007bff;
```

```
font-weight: 600;
}
```

```
.bannerText p {
  text-indent: 50px;
  color: #777777;
  font-size: 1.2vw;
  font-weight: normal
}
```

```
.bannerText img {
  width: 10vw;
  margin-right: 20px;
}
```

```
.bannerImg img {
  margin-left: 90px;
  width: 350px;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="wrapper">
```

```
<!--Navigation Bar-->
```

```
<div class="nav">
```

```
<div class="logo">
```

```
<a href="/"></a>
```

```
</div>
```

```
<div class="links">
```

[Home](/home)  
[Info](/info)  
[About Us](/about)  
[Contact Us](/contact)  
[Predict](/upload)

Classification of Arrhythmia

Prediction

According to the World Health Organization (WHO), cardiovascular diseases (CVDs) are the number one cause of death today. Over 17.7 million people died from CVDs in the year 2017 all over the world which is about 31% of all deaths, and over 75% of these deaths occur in low and middle-income countries. Arrhythmia is a representative type of CVD that refers to any irregular change from the normal heart rhythms. There are several types of arrhythmia including atrial fibrillation, premature contraction, ventricular fibrillation, and tachycardia. Although a single arrhythmia heartbeat may not have a serious impact on life, continuous arrhythmia beats can result in fatal circumstances.

```
</div>

<div class="landingImage" data-aos="fade-down" data-aos-duration="2000">
  
</div>
</div>
<div class="banner">
  <div class="bannerText" data-aos="fade-right" data-aos-duration="1000">
    <h1>
      Left Bundle Branch
    </h1>
    <p>A delay blockage of electrical impulses
      to the left of the heart. Left bundle brach block sometimes
      makes it harder for the heart to pump
      blood efficiently through the circulatory
      system.</p>
    <p>Most people don't have symptoms. If
      syptoms occur, they inlcude fainting or
      a slow heart rate.</p>
    <p>If there's an underlying condition, such
      as heart disease, that condition needs
      treatment. In patients with heart failure,
      a pacemaker can also relieve symptoms as
      well as prevent death.</p>
  </div>
  <div class="bannerImg" data-aos="fade-up" data-aos-duration="1000">
    
  </div>
</div>
<div class="banner">
  <div class="bannerText" data-aos="fade-right" data-aos-duration="1000">
```

<h1>

Normal

</h1>

<p>Note that the heart is beating  
in a regular sinus rhythm  
between 60-100 beats per  
minute (specifically 82 bpm).</p>

<p>All the important intervals  
on this recording are within  
normal ranges.</p>

<p>The normal ECG  
patterns seen in children  
differ considerably from those  
in adults.</p>

</div>

<div class="bannerImg" data-aos="fade-up" data-aos-duration="1000">



</div>

</div>

<div class="banner">

<div class="bannerText" data-aos="fade-right" data-aos-duration="1000">

<h1>

Premature Atrial Contraction

</h1>

<p>usually, premature atrial contraction have  
no clear cause and no health risks. In most  
cases, premature atrial contractions aren't a  
sign of heart disease and just happen  
naturally.</p>

<p>But some people who have PACs turn out to  
have related heart conditions, such as

Cardiomyopathy (a weakend heart muscle)

Caronary heart disease (fatty deposits in you blood vessels)</p>

</div>

<div class="bannerImg" data-aos="fade-up" data-aos-duration="1000">



</div>

</div>

<div class="banner">

<div class="bannerText" data-aos="fade-right" data-aos-duration="1000">

<h1>

Premature Ventricular Contractions

</h1>

<p>Extra, abnorma heartbeats that begininone of the

Heart's two lower chambers.</p>

<p>Premature ventricular contractions (PVCs) occur

in most people at some point. Causes may include certain

medication, alcohol, some illegal drugs, caffeine,

tobacco, excercise or anxiety.</p>

<p>

PVCs often cause no syptoms. When symptoms do

occur, they feel like a flip-flop or skipped-beat

sensation in the chest.

</p>

<p>Most people with isolated PVCs and an otherwise

normal heart don't need treatment. PVCs occurring

continuously serious cardiac than 30 seconds is a

potentially serious cardiac condition known as

ventricular tachycardia.</p>

</div>

<div class="bannerImg" data-aos="fade-up" data-aos-duration="1000">



</div>

</div>

<div class="banner">

<div class="bannerText" data-aos="fade-right" data-aos-duration="1000">

<h1>

Right Bundle Branch

</h1>

<p>Right bundle branch block is associated with structural changes from stretch or ischemia to the myocardium. It can also occur iatrogenically from certain common cardiac procedures, such as right heart catheterization.</p>

<p>Although there is no significant association with cardiovascular risk factors, the presence of a right bundle branch block is a predictor of mortality in myocardial infarction, heart failure, and certain heart blocks.</p>

<p>In asymptomatic patients, isolated right bundle branch block typically does not need further evaluation.</p>

</div>

<div class="bannerImg" data-aos="fade-up" data-aos-duration="1000">



</div>

</div>

<div class="banner">

<div class="bannerText" data-aos="fade-right" data-aos-duration="1000">

<h1>

Ventricular Fibrillation

</h1>

A life-threatening heart rhythm that results in a rapid, inadequate heartbeat.

Ventricular fibrillation (VF) is a rapid, life-threatening heart rhythm starting in the bottom chambers of the heart. It can be triggered by a heart attack.

Because the heart doesn't pump adequately during ventricular fibrillation, sustained VF can cause low blood pressure, loss of consciousness or death.

Emergency treatment includes immediate defibrillation with an automated external defibrillator (AED) and cardiopulmonary resuscitation (CPR). Long-term therapy includes implantable defibrillators and medications to prevent recurrence.

>



>

# SelfCare</h1>

>



```
AOS.init();
```

```
</script>
```

```
</body>
```

```
</html>
```