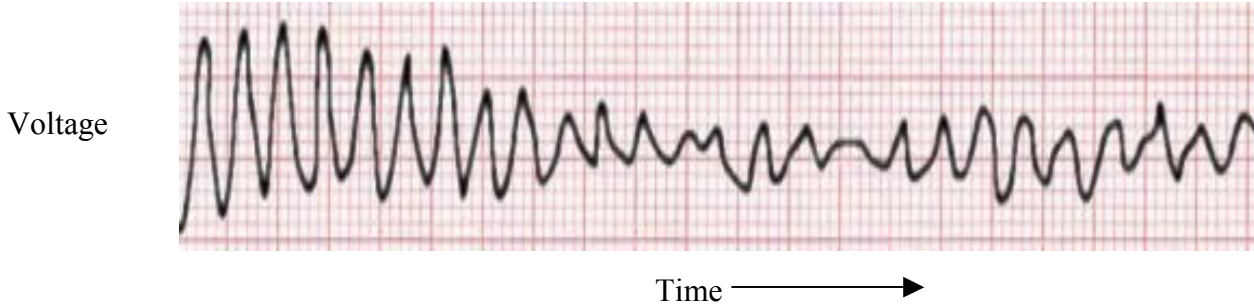


Answers

Examine the EKG below:



Compare the EKG Wave above with a healthy EKG.

Does the **Amplitude** look normal? No, it starts out close to the right height but then gradually gets smaller

What about the **Frequency**? There is a very irregular frequency

What about the **Pattern**? No wave can be clear distinguished by its parts and the signal is gradually getting weaker over time

Would a healthy heart produce an EKG like this? NO

What parts of the heart could cause this EKG? (Hint: Use all of the resources that you have been given!)

No! This is the EKG form a patient that is experiencing **Ventricular Fibrillation**. This EKG is created by small, unorganized waves of contraction in the heart muscles. Since the contractions are so weak and not organized, the heart is unable to move any blood or to receive new oxygen without medical assistance. Can anyone tell me how a medical professional would help a patient experiencing this condition?

