

Can you die from a broken heart?Quiz 2

Which year of Medicine am I in?

- 2
- 4
- 3
- 5

What was Carrie Fisher's mum's name?

- Leia Fisher
- Deborah Fisher
- Debbie Reynolds
- Mary Fisher

In what year did Carrie Fisher die?

- 2015
- 2018
- 2016
- 2019

Which chamber pumps out blood to the body?

- Left Atrium
- Right Atrium
- Left Ventricle
- Right Ventricle

The left ventricle pumps blood out of the body into the aorta. From here, the blood travels to the rest of the body.

What is Takotsubo Cardiomyopathy named after?

- A Japanese pot
- A Japanese octopus trap
- A type of Octopus
- A clay octopus

What causes the ventricles to change their contraction?

- Acute trauma
- Emergency Stress
- Chronic Stress
- Acute stress

What hormone was involved in the stress response?

- Adrenaline
- Dopamine
- Serotonin
- Acetylcholine

Acute stress is caused by emotional trauma etc. This causes the release of a hormone, Adrenaline. Adrenaline is released from the adrenal glands that sit above the kidneys. This causes a multitude of changes in the body, including a change in the blood supply to the ventricle. This causes the ventricles to change how they contract.

What is a symptom of Takotsubo Cardiomyopathy?

- No circulation
- Shortness of Breath
- Heart arrest
- Coughing up blood

Shortness of breath arises as the heart struggles to pump enough blood to the lungs. Therefore, there is reduced oxygenated blood to the rest of the body. The body detects this and will increase the respiratory rate (number of breaths per minute). This is the symptom of "shortness of breath". If not treated Takotsubo Cardiomyopathy may lead to Cardiac Arrest, but a Cardiac Arrest is NOT A SYMPTOM, it is a condition. Coughing up blood only occurs in conditions that rupture blood vessels in the wind or food pipe. This does NOT occur in Takotsubo Cardiomyopathy.

Can you treat Takotsubo Cardiomyopathy?

- True
- False

Takotsubo Cardiomyopathy is treated with medication and monitoring. If not able to be controlled this way, a pacemaker may be installed to control the heart's contraction externally by an electronic device.

So..... Can you die of a broken heart?

- True
- False