

# Subject Spotlight Lesson Plan

<b>Title of Session</b>	<b>Subject Spotlight: Medicine – Can you die from a broken heart?</b>
<b>Description:</b>	We often hear about people in the news that supposedly “died of a broken heart”. But can this really happen? This workshop covers the so called “Broken Heart Syndrome”, also called Takotsubo Cardiomyopathy, how it arises and how we treat it. The workshop also covers basic heart anatomy. It is aimed at those with some existing understanding of the Heart (ie Biology A-level students).

<b>Duration of session:</b>	~35 mins	<b>Target Audience:</b>	Y12/Y13
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<b>Regional Progression Framework - Learning Outcomes:</b>
LO1 - Awareness of HE and the different opportunities available. Be able to challenge any myths relating to HE.
LO2 - Identify the link between GCSE attainment and progression opportunities and how these can support life or career goals
LO5 - Learner knows how to research different routes into HE and how to make an application
<b>Gatsby Benchmarks:</b>
7. Encounters with Further and Higher Education - All students should understand the full range of learning opportunities that are available to them. This includes both academic and vocational routes and learning in schools, colleges, universities and in the workplace.

**Please note: This workshop focuses on a sensitive topic and may be upsetting for any learners who have experienced an acutely stressful event recently (death in the family etc.) or if they or members of their family or friends have heart conditions. If any learners do become upset, please visit [this website](#) where you can find links for support around this topic.**

Timings:	Activity/Task/Information:	Instructions for teacher:	Resources needed:
0-1min10secs	Introduction: <ul style="list-style-type: none"> <li>• Who am I?</li> <li>• Why did I chose to do Medicine?</li> <li>• Careers within Medicine/Healthcare</li> </ul>	Play video.	N/A
1min10secs – 1min30secs	Quiz 1 : <ul style="list-style-type: none"> <li>• Test learners knowledge about the heart</li> </ul>	Pause the video at 1min30secs. Load Kahoot quiz or hand out paper version of quiz.	<ul style="list-style-type: none"> <li>• Quiz 1 - <a href="https://create.kahoot.it/share/workshopkahoot1/9576f70b-7731-463a-9323-2aa31eba7127">https://create.kahoot.it/share/workshopkahoot1/9576f70b-7731-463a-9323-2aa31eba7127</a></li> <li>• Answer sheet provided – has more info about answers to talk through with class if necessary</li> </ul> *Paper quiz to be used if no access to Kahoot*
1min30secs – 13mins49secs	Workshop talk: <ul style="list-style-type: none"> <li>• What is Takotsubo Cardiomyopathy?</li> <li>• What causes it?</li> <li>• Treatment</li> <li>• Prognosis</li> <li>• Getting into Medicine</li> <li>• Resources</li> <li>• Extra reading</li> <li>• Careers in the NHS</li> </ul>	Play video.	All resources and links included below.
13mins49secs – 14mins	Quiz 2: <ul style="list-style-type: none"> <li>• Test what students have learned</li> </ul>	Pause at 13mins 49secs. Load second Kahoot quiz or hand out paper quiz.	<ul style="list-style-type: none"> <li>• Quiz 2 - <a href="https://create.kahoot.it/share/workshopkahoot2/8b128a42-db50-4463-8abb-605168029613">https://create.kahoot.it/share/workshopkahoot2/8b128a42-db50-4463-8abb-605168029613</a></li> <li>• Answer sheet provided – has more info about answers to talk through with class if necessary</li> </ul> *Paper quiz to be used if no access to Kahoot*

<b>Overview of all resources:</b>	
Video of session	
Quiz 1	<a href="https://create.kahoot.it/share/workshopkahoot1/9576f70b-7731-463a-9323-2aa31eba7127">https://create.kahoot.it/share/workshopkahoot1/9576f70b-7731-463a-9323-2aa31eba7127</a>
Quiz 2	<a href="https://create.kahoot.it/share/workshopkahoot2/8b128a42-db50-4463-8abb-605168029613">https://create.kahoot.it/share/workshopkahoot2/8b128a42-db50-4463-8abb-605168029613</a>
Paper version of Quizzes	
Quiz 1 and Quiz 2 answer sheets	
Extra resources to be shared with learners - online	<p>BBC Programme – Hospital:  <a href="https://www.bbc.co.uk/programmes/b08w8ktc">https://www.bbc.co.uk/programmes/b08w8ktc</a></p> <p>Medlife Crisis YouTube:  <a href="https://www.youtube.com/channel/UCgRBRE1DUP2w7HTH9j_L4OQ">https://www.youtube.com/channel/UCgRBRE1DUP2w7HTH9j_L4OQ</a></p> <p>For more information about Cardiomyopathy:  <a href="https://www.cardiomyopathy.org/">https://www.cardiomyopathy.org/</a></p> <p>Info about NHS careers:  <a href="https://www.healthcareers.nhs.uk/">https://www.healthcareers.nhs.uk/</a></p>
Extra reading to be shared with learners - books	<p>Trust Me, I'm a Doctor – Max Pemberton</p> <p>Do No Harm – Henry Marsh</p> <p>Better – Atul Gawande</p>

**Instructions to access Kahoot quizzes:** Once on the Kahoot website, press “Play as Guest” and select “Player vs Player 1:1 Devices” (Classic). This will load Game PIN. Please advise students to enter PIN on device to join game. Once everyone has joined, press “Start”.