

WEBVTT Kind: captions Language: en

00:00:00.779 --> 00:00:02.779 🎵🎵🎵

00:00:05.160 --> 00:00:06.290 - When you think about it

00:00:06.290 --> 00:00:07.660 in a very simple fashion,

00:00:07.660 --> 00:00:09.072 the heart is a muscle

00:00:09.072 --> 00:00:12.050 and its main job is to pump blood.

00:00:12.050 --> 00:00:15.030 But certain things can cause it to fail.

00:00:15.030 --> 00:00:16.320 There's genetic reasons,

00:00:16.320 --> 00:00:19.140 there's reasons related to valve disease,

00:00:19.140 --> 00:00:20.530 there's myocarditis

00:00:20.530 --> 00:00:23.270 where you get a viral infection that affects the heart.

00:00:23.270 --> 00:00:25.660 It's a final common pathway that can result

00:00:25.660 --> 00:00:27.070 from many, many different things.

00:00:27.070 --> 00:00:30.280 The most common cause is a heart attack.

00:00:30.280 --> 00:00:34.290 You get fatty plaque buildup inside the blood vessel

00:00:34.290 --> 00:00:36.380 that actually supplies the heart itself,

00:00:36.380 --> 00:00:41.380 and unless that blood vessel is opened up immediately,

00:00:41.420 --> 00:00:42.940 that muscle will die.

00:00:42.940 --> 00:00:44.600 The rest of the muscle that's left,

00:00:44.600 --> 00:00:45.740 that's not dead anymore,

00:00:45.740 --> 00:00:49.490 has to do extra to keep up with what's been lost.

00:00:49.490 --> 00:00:51.640 And overtime it can't keep up

00:00:51.640 --> 00:00:53.480 and that's when the heart starts to fail

00:00:53.480 --> 00:00:55.530 and heart failure develops.