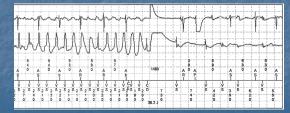
Case Presentation- Refractory Primary VF Arrest

BRIAN D. LE, MD FACC Cardiac Electrophysiologist Presbyterian Hospital

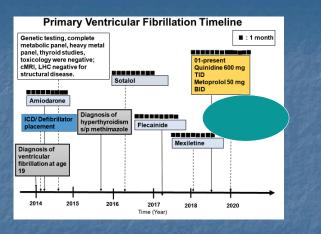


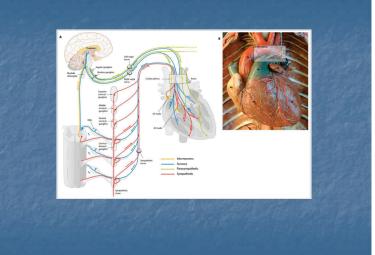
Case Presentation

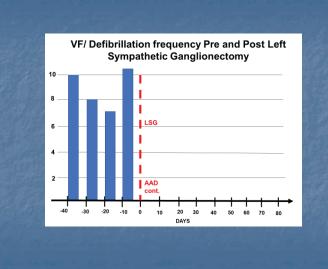
- A 22-year-old morbidly obese man, with a BMI of 51.7 kg/m2, metabolic syndrome, hyperthyroidism (euthyroid on methimazole), and ventricular fibrillation (VF) arrest status post ICD at Children's Hospital at 16 years of age
- He has been on amiodarone for suppression of VF
- No family history of sudden cardiac death
- Normal Cardiac MRI and Echo, Negative cardiac catheterization (bridging/ anomalous coronaries), Negative genetic studies for Long QT/ Short QT/ Brugada's/ Catecholaminergic Polymorphic VT/ ARVD



TREATMENT OPTIONS







LEFT SYMPATHETIC GANGLIONECTOMY FOR REFRACTORY PRIMARY VENTRICULAR FIBRILLATION ARREST OF UNKNOWN ETIOLOGY IN A YOUNG MALEFREE ACCESS FIT Clinical Decision Making Yogamaya Mantha . Rakushumimarika Harada . Michinari Hieda , and Brian D. Le UACC. 2020 Mar, 75 (11_Supplement_1) 2840



"When Death Is Not An End"

Jawwad Yusuf, MD, FACC, FSCAI Texas Health Heart and Vascular Specialist

55 Yo male, transferred from outside facility > STEMI > Cardiogenic Shock > Culprit was RCA, Circumflex is anomalous and aneurysmal, LAD is aneurysmal > RCA dissected, did not intervene on Circ and LAD was only remaining vessel. ✓ Impella CP in place
✓ EF 10% ish
✓ Recurrent Ventricular Tachycardia
✓ Lactic Acid 5.5
✓ Anuric
✓ Multi Organ Failure

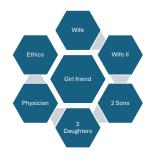
Shock Protocol initiated
Switched to Impella 5.5
Some stabilization, some not
Recurrent VT
Trip back to Cath Lab
Fixed Circumflex
LAD was non obstructive

Who should have decision making capacity

≻Wife

≻Wife II

≻Girl Friend III



Who Do You Inform

≻Wife

>Wife II

≻Girl Friend III

Cardiac Arrest



Family formed

Miracle Do Happen

He starts breathing again

De-Pronounced ??

WHATS NEXT

➤How aggressive we want to be at this stage ?

≻Is there any merit to involving ethics?

>When its okay to say NO

