SUDDEN ARRHYTHMIC (\$) DEATH SYNDROME (SADS)

WHAT IS SADSP

Sudden Arrhythmic Death Syndrome (SADS) is part of sudden cardiac death. However, SADS is defined as a sudden death whereby subsequent post mortem analysis and a toxicology screen fails to identify any obvious cause.

Killed by a video game: Excitement 'triggered fatal heart attack of teenager who died while playing his Xbox'

APPROX.

NO WARNING SYMPTOMSE

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RELATIONSHI TO EXERCISE

BASELINE ECG WILL IN 80-90% OF CASES

PREVIOUS HISTORY OF BLACKOUTS, SHORTNESS OF BREATH OR CHEST TIGHTNESS DURING EXERTION

IF SUSPICIOUS HISTORY +/-UNEXPLAINED YOUNG DEATH IN FAMILY + REFER

Type A Wolff-Parkinson White (WPW): Left-sided bypass tract with positive delta wave with Short PR and Wide QRS



Type B Wolff-Parkinson White (WPW): Right-sided bypass tract with negative delta wave with Short PR and Wide QRS

Reentrant Tachycardias

STRUCTURAL



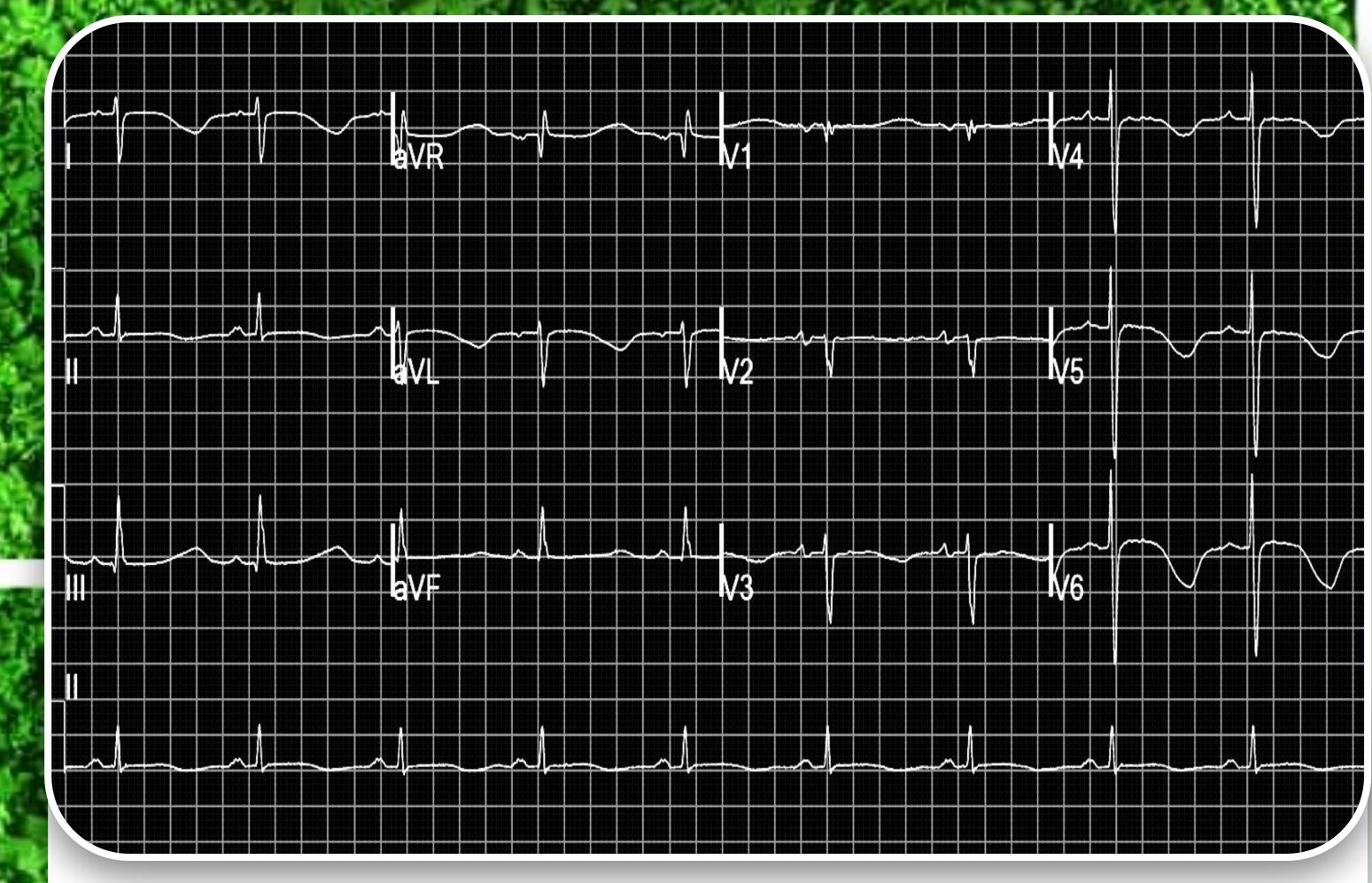
Hypertrophic (Obstructive) Cardiomyopathy (HOCM)



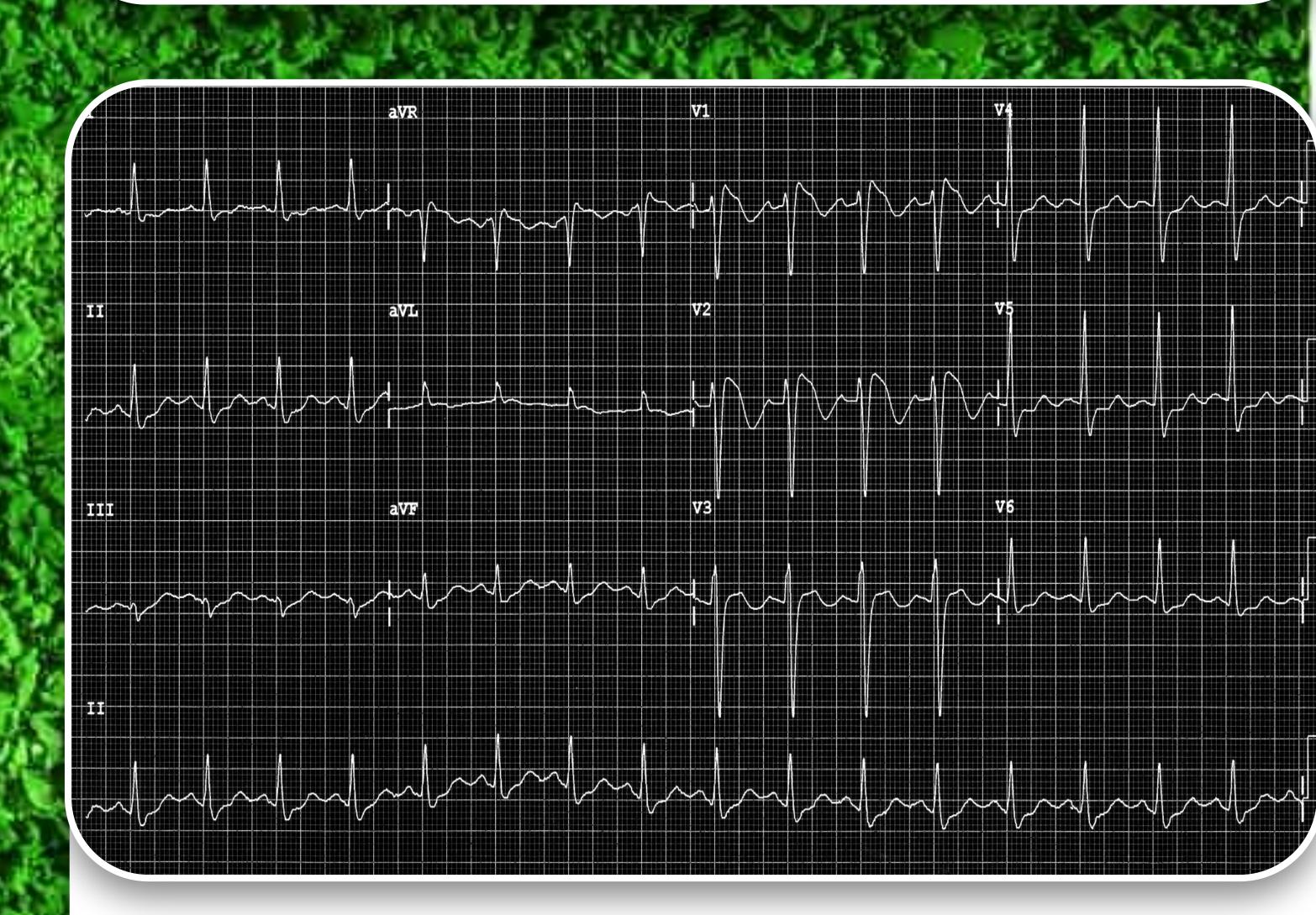
Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC)

- + Dilated Cardiomyopathy
- **+** Restrictive Cardiomyopathy

ION CHANNEL



Long/Short QT Syndrome (Natural or latrogenic)



Brugada Syndrome



Catecholaminergic Polymorphic Ventricular Tachycardia (CPVT)

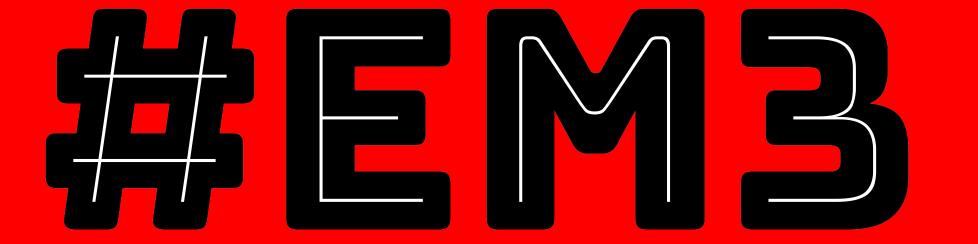




FIG & POSTER AUTHORI @EM3FOAMED DR SARAH EDWARDS