



P WAVE LOCALISATION

- *Using the ECG to localise the origin of atrial ectopy to specific anatomical structures*

MANAGEMENT OF ATRIAL FIBRILLATION

- *Consequences of AF*
- *Treatment strategies*
- *Slow AF causes & treatments*
- *Rapid AF causes, consequences & treatments*

LOCALISING LEFT VENTRICULAR VT

- *Using the ECG to localise the origin of VT to specific cardiac locations*

LOCALISING RIGHT VENTRICULAR VT

- *Using the ECG to localise the origin of VT to specific cardiac locations*

VT OR SVT WITH ABERRANCY?

- *Introducing the concept of SVT with aberrancy*
- *Wide complex tachycardias*
- *Features that indicate aberrancy*
- *Features that indicate VT*

ADVANCED FEATURES OF ISCHEMIA

- *T wave inversions*
- *Wellens ECG pattern & syndrome*
- *De Winters T waves*
- *Inverted U waves*
- *Takotsubo Syndrome*

SGARBOSSA CRITERIA

- *Modified Sgarbossa criteria for diagnosing ischemia in the context of a left bundle branch block*

PACED ECG ADVANCED

- *Troubleshooting PPM's with the ECG*
 - *Understanding sensing*
 - *Failure to sense*
 - *Failure to pace*
 - *Inappropriate pacing*

CRT OPTIMISATION OF THE ECG

- *QRS morphology of RV pacing*
- *QRS morphology of LV pacing*
- *QRS morphology of BiV pacing*
- *ECG predictors of CRT response*
- *ECG vs TTE CRT optimisation*

CONGENITAL LONG QT SYNDROME

- *Types, symptoms and management of LQTS*
- *Manifest Vs conceal LQT*
- *Unmasking concealed LQT*
- *The utility of Bazettes formula*

BRUGADA ECG PATTERN & SYNDROME

- *Brugada ECG patterns*
- *“Syndrome” overview*
- *Brugada and autonomic tone*
- *Provocative testing for Brugada ECG pattern*
- *Brugada treatments*
- *Brugada ablation*

PRE-EXCITATION AND WPW SYNDROME

- *Anatomy of an accessory pathway*
- *ECG features of pre-excitation*
- *Pre-excitation and autonomic tone*
- *Consequences & management of pre-excitation*

OTHER CAUSES OF ST ELEVATION AND PULMONARY DISORDERS

- *Benign early repolarisation*
- *Pericarditis*
- *Pulmonary embolism*
- *Causes, consequences & considerations*

ELECTROLYTE ABNORMALITIES & THE ECG

- *Hyperkalaemia*
- *Hypokalaemia*
- *Hypercalcaemia*
- *Hypocalcaemia*