

RARE ACCESSORY PATHWAYS

CASE STUDY: INTRODUCING AN UNUSUAL ACCESSORY PATHWAY

- *EP case study of an atypical accessory pathway*

ATRIOFASCICULAR FIBRES I - CHARACTERISTICS

- *Anatomy & physiology of Atriofascicular accessory pathways*
- *ECG of Atriofascicular pathways in sinus rhythm*
- *ECG of Atriofascicular mediated AVRT*

ATRIOFASCICULAR FIBRES II - RESPONSES TO PACING MANOEUVRES

- *Behaviours of Atriofascicular AP during the EP study*
- *Tachycardia initiation in the EP lab*
- *EGM characteristics of AF AVRT*
- *Differential characteristics & pacing manoeuvres of AF AP's.*

ATRIOFASCICULAR FIBRES III - MAPPING & ABLATION

- *2D activation mapping techniques*
- *'M' potential mapping*
- *3D mapping*
- *Ablation of atrial & ventricular insertion's*

NODOFASCICULAR & NODOVENTRICULAR ACCESSORY PATHWAY CHARACTERISTICS

- *Nodofascicular accessory pathways*
- *Nodoventricular accessory pathways*
- *Anatomy and physiology of NFV fibres*
- *Electrophysiological properties of NFV fibres*

NODOFASCICULAR ACCESSORY PATHWAYS - DIFFERENTIATION & ABLATION

- *Methods of differentiating NFV tachycardia from other tachycardias*
- *Techniques for mapping NFV fibres*
- *Ablation strategies for NFV tachycardias*

PERSISTANT JUNCTIONAL REENTRANT TACHYCARDIA

- *Patient population*
- *ECG Characteristics of PJRT*
- *EP criteria*
- *Treatment & ablation*

FASCICULOVENTRICULAR FIBRES

- *ECG criteria*
- *EP characteristics*

QUIZ: RARE PATHWAYS IN THE EP LAB

UNUSUAL ARRHYTHMIAS ENCOUNTERED IN THE EP LAB

JUNCTIONAL ECTOPIC TACHYCARDIA (JET) I

- *Primary JET & Secondary JET*
- *Pathophysiology*
- *ECG characteristics*
- *EP characteristics*
- *His Synchronous Differentiation techniques*

JUNCTIONAL ECTOPIC TACHYCARDIA (JET) II

- *Differential pacing manoeuvres*
- *Early PAC introduction*
- *Ablation outcomes and risk*

INAPPROPRIATE SINUS TACHYCARDIA

- *Prevalence and presentation*
- *Pathogenesis, prognosis & disease trajectory*
- *POTS overlap*
- *Diagnosis of inappropriate sinus tachycardia*
- *Medical management*
- *Ablation outcomes*

CARDIONEURAL ABLATION FOR VASOVAGAL SYNCOPE

- *Mechanisms of vasovagal syncope*
- *Ganglionic plexi anatomy & physiology*
- *Cardioneural ablation procedural techniques*
- *Knowledge gaps for cardioneural ablation*

DUAL AV NODAL NON- REENTRANT TACHYCARDIA 'DOUBLE FIRE TACHYCARDIA'

- *Pathophysiology & mechanisms*
- *Symptoms and presentation*
- *Electrophysiological arrhythmia basis*
- *Therapy and treatment*

PEELING BACK REFRACTORINESS - AN UNDERCOGNISED EP PHENOMENON

- *Understanding Peeling back Refractoriness*
- *Interpreting Peeling back refractoriness on ECG*
- *Interpreting Peeling back refractoriness in an EP study – diagnosis in hand*

CASE STUDY

Complex SVT differentiation

QUIZ: UNUSUAL ARRHYTHMIAS IN THE EP LAB