



EMBARGOED UNTIL 20th NOVEMBER 2022 1730HRS SGT

Implant techniques

Context:

There has been significant advancement in relation to the tools and techniques used in cardiac implantable electronic device implantation. Conduction system pacing, that includes His-bundle pacing (HBP) and left bundle branch (LBB) pacing has seen an emerging role in clinical practice. Non-transvenous devices, such as the subcutaneous implantable cardiac defibrillator (S-ICD) has also become available as alternative option to traditional defibrillators. In this session, our panellists share on various tips and tricks on successful device implantation and optimisation, and ways to overcome challenging device implantation.

Summary:

Dr Parikshit Sharma and Dr Pugazhendhi Vijayaraman discussed the various technical considerations related to implantation of HBP and LBP devices respectively, and illustrate the role of conduction system pacing in achieving cardiac resynchronisation and better pacing parameters.

Dr Seung-Jung Park's presentation focused on topics related to cardiac resynchronisation therapy (CRT), such as targeted left ventricular lead implantation, the potential problem of difficulty in obtaining venous access, and the utility of orthodromic and antidromic snare techniques in overcoming venous access issue that allow comparable long-term outcomes and CRT responses.

Lastly, Dr Watchara Lohawijarn shared on best practices for S-ICD implant that highlight the importance of proper patient selection, use of Praetorian score, optimal device implantation relating to device pocket position, different incisional methods, and air removal as well as post implantation defibrillation testing.

Message:

This session summarised new device technologies and the various aspects involved in device implantation.

Session details:

Symposium 6 – Implant techniques: Saturday 19th November 2022 10.30-11.40 pm SGT)

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