

**(57) Abstract:** The adoption of His Bundle Pacing (HBP) has been hindered by the procedural difficulty of achieving good lead position without causing cardiac damage or perforation. The procedural success rates are much lower when compared to traditional right ventricle (RV) pacing procedures due to the difficulty in mapping the His potential with the exposed helix and maintaining position while the pacing helix is fixated. The use of multidirectional balloon tipped catheter system that includes a catheter body with curls and flexion points and anchor balloon mounted to a distal end of the catheter body increases positional precision and an improved procedural success rate when compared to the conventional system.