

Review of: "His bundle pacing guided by automated intrinsic morphology matching is feasible in patients with narrow QRS complexes"

Rehan Mahmud

Potential competing interests: The author(s) declared that no potential competing interests exist.

The method section provides the most interesting part of the study, which is the use of electroanatomic mapping (EAM) to identify a His bundle electrogram cloud and use that as an aid to His bundle lead implantation. It is likely given the perceived difficulty of placing the His bundle lead, that EAM may play an important role in performing this procedure in the future. The main drawback of using the IMS is that it limits the utility of the procedure in patients with abnormal QRS.

I would also suggest to the authors that the most important criteria of selective His bundle pacing is that the pacing stimulus to QRS interval is the same as the H-V interval. However, I would agree that best outcome is a His bundle paced complex in normal range i.e., a normal ventricular activation time and QRS axis.

I would encourage the authors to continue this line of investigation using the EAM system as an aid for His bundle pacing.