











His-bundle lead implantation program: a 2-year single-centre experience

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His bundle pacing activates the ventricles physiologically by direct stimulation of the His-Purkinje cardiac conduction system.¹ It was first described in the 1970s, first studies were reported in the early 2000s followed by technological advances that led to its widespread uptake and growing evidence base.^{1,2} This retrospective study aimed to evaluate His-bundle lead implantation program in our centre. A total of 116 consecutive patients (63.8% male, 65.4 ± 13.6 years) who underwent His-bundle lead implantation in our centre from November 2018 until November 2020 were analyzed. Among these patients, over two-thirds (69.8%) had arterial hypertension, 43.1% had dyslipidemia and 29.3% had diabetes. Nearly half of patients (49.1%) had chronic heart failure, 26.7% had coronary artery disease and 8.6% had prior myocardial infarction. 40.5% of patients had atrial fibrillation. His-bundle lead implantation was achieved in 105 (90.5%) of all patients, while the rest of the procedures were aborted and ended with right ventricle lead placement. Ten (8.6%) patients had postprocedural complications, six of which were resolved without lead extraction. Only one patient had a device-associated infection. With this analysis, we showed that the results of our His-bundle lead implantation program, regarding success and complication rates, are similar to available literature data.^{1,2}

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LITERATURE

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