

Left Bundle Branch Area Pacing Versus Right Ventricular Pacing in Atrioventricular Block With Preserved Ejection Fraction

NCT07464041

Status	RECRUITING
Phase	Not Applicable
Sponsor	Samsung Medical Center
Enrollment	200 participants

Key Eligibility Criteria

Inclusion (4)

- Patients requiring permanent pacemaker implantation for the following indications:
- Third-degree AV block
- First- or second-degree AV block with an expected ventricular pacing burden $\leq 40\%$
- Atrial fibrillation with slow ventricular response with an expected ventricular pacing burden $\leq 40\%$

Exclusion (4)

- Prior implantation of a cardiac pacemaker or implantable cardioverter-defibrillator
- Left ventricular ejection fraction $\leq 50\%$
- Indication for cardiac resynchronization therapy
- Life expectancy ≤ 1 year (e.g., patients not eligible for heart transplantation due to end-stage heart failure, patients with DNR orders, those receiving hospice care after refusal of life-sustaining treatment, or patients with terminal cancer not eligible for chemotherapy or radiotherapy)

Locations (4 total)

Wonju Severance Christian Hospital, WONju, Gangwon-do, South Korea
Samsung Medical Center, Seoul, Seoul, South Korea
Samsung Changwon Hospital, Changwon, South Korea
... and 1 more locations