

A Prospective, Observational, Single Centre Study to Assess the Feasibility of the Data Harvested by the Acorai Intracardiac Pressure Monitoring (ICPM) System in Predicting Prognosis in Patients Discharged From Hospital After Treatment for Acute Decompensated Heart Failure

NCT06397833

Status	RECRUITING
Sponsor	Royal Brompton & Harefield NHS Foundation Trust
Enrollment	150 participants

Plain Language Summary

This feasibility study tests whether wearable monitoring devices (like fitness trackers or smart patches) can effectively track recovery in patients after cardiac (heart) surgery, providing continuous data on heart rate, activity levels, and other health indicators.

****You may be eligible if...****

- You are scheduled for or have recently had cardiac surgery (such as bypass surgery or valve replacement)
- You are willing to wear monitoring devices during your recovery
- You are at least 18 years old

****You may NOT be eligible if...****

- You have a pacemaker or implanted device that would be affected by the wearable technology
- You have skin conditions or allergies that prevent wearing adhesive monitoring devices
- You have cognitive difficulties that prevent proper use of or consent for the devices

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (3)

- Subjects medically fit for discharge following an admission to Hospital with decompensated heart failure requiring intravenous diuretic therapy
- Subject is willing and physically able to comply with the specified evaluations as per clinical investigation plan, as assessed by the investigator.
- Subject is able to provide written consent to participate in the study

Exclusion (2)

- Pregnancy
- Discretionary exclusion when, in the opinion of the investigator, the inclusion of a potential subject is not in their best interest or not in the interest of compliant performance of the clinical trial

Locations (1 total)

Harefield Hospital, Uxbridge, Middlesex, United Kingdom

<https://clinicaltrials.gov/study/NCT06397833>

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