

The BioHeart Study: assessing patients with suspected cardiovascular disease for new disease markers and risk factors

ACTRN12618001322224

Status	RECRUITING
Sponsor	Northern Sydney Local Health District - Royal North Shore Hospital
Enrollment	5,000 participants

Plain Language Summary

This study is a biobank and research registry for patients presenting to hospital with suspected or confirmed cardiovascular disease (CVD) — conditions affecting the heart and blood vessels, such as coronary artery disease, heart attack, and heart failure. The goal is to collect blood samples and sometimes small tissue samples (from routine surgeries) to search for new biological markers that can identify cardiovascular disease earlier or predict how it will progress.

Participants are asked to donate a blood sample at the time of their clinic visit, procedure, or surgery. They are also followed up over time with additional blood draws and questionnaires. By building a collection of samples from people at different stages of cardiovascular health, researchers hope to discover new targets for earlier diagnosis and better treatments.

You may be eligible if you are 18 or older and are attending Royal North Shore Hospital's emergency department or cardiovascular outpatient clinics for investigation of suspected cardiovascular disease, or are having a surgical procedure that removes tissue containing blood vessels. Patients who are unable to provide informed consent or who are unwilling to participate in ongoing follow-up are not eligible.

Key Eligibility Criteria

Inclusion (2)

- Patients presenting to emergency department, cardiovascular outpatient clinics, for cardiovascular testing (e.g. CTCA) for investigation and management of suspected cardiovascular disease, or for surgery involving removal of redundant tissue containing vascular tissue.
- Patients willing and able to provide informed consent

Exclusion (3)

- Patients highly dependent on medical care and unable to provide informed consent
- Patients unwilling or unable to participate in on-going follow-up
- Patients unwilling or unable to provide informed consent

Locations (7 total)

Royal North Shore Hospital - St Leonards, NSW,QLD,SA,VIC, Australia
Royal Prince Alfred Hospital - Camperdown, NSW,QLD,SA,VIC, Australia
Concord Repatriation Hospital - Concord, NSW,QLD,SA,VIC, Australia
... and 4 more locations

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12618001322224>

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