

# The Australian New Zealand Spontaneous Coronary Artery Dissection (ANZ-SCAD) Registry

ACTRN12621000824864

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Status	RECRUITING
Sponsor	The University of Sydney
Enrollment	850 participants

## Plain Language Summary

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Spontaneous coronary artery dissection (SCAD) is a rare but life-threatening condition where a tear forms inside a coronary artery, creating a false passage that blocks blood flow to the heart. Unlike the typical heart attack caused by fatty plaques, SCAD predominantly affects young, healthy women — often with no traditional heart disease risk factors. Despite this, it remains vastly under-recognised and under-researched.

The ANZ-SCAD Registry is the first national registry for this condition in Australia and New Zealand. It aims to collect detailed clinical information from 850 SCAD patients across 10-15 hospitals, both looking back at historical cases and enrolling new patients going forward. The registry will examine triggers, associated conditions, treatment approaches, and long-term outcomes.

You may be eligible if you are 18 or older and have been diagnosed with SCAD confirmed by coronary angiogram. Retrospective participants (past cases) will have data collected from medical records. Prospectively enrolled patients will be followed up for 5 years with questionnaires. People whose angiogram review suggests an alternative cause for the dissection (not SCAD) are excluded.

## Key Eligibility Criteria

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### Inclusion (4)

- Participants aged  $\geq$ 18 years who present to hospital with an acute coronary syndrome
- (ACS)
- Able to provide informed consent (for prospectively recruited patients only)
- Clinical and angiographically confirmed SCAD diagnosis

### Exclusion (2)

- Participants will be consequently excluded if core angiographic review suggests iatrogenic,
- atherosclerotic or another alternate cause of dissection.

## Locations (18 total)

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Westmead Hospital - Westmead, ACT,NSW,NT,SA,WA,VIC, Australia  
Nepean Hospital - Kingswood, ACT,NSW,NT,SA,WA,VIC, Australia  
Liverpool Hospital - Liverpool, ACT,NSW,NT,SA,WA,VIC, Australia  
... and 15 more locations

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12621000824864>

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