

Do you have patients with Asymptomatic Severe Aortic Stenosis? They may be eligible for the EASY-AS Trial!

Help us address a fundamental unresolved question in cardiology: The relative benefits of early AVR versus watchful waiting in asymptomatic patients with severe aortic stenosis.

Participants will be randomised to early AVR or expectant management:

INCLUSION CRITERIA

- Age >18 years
- Patient has severe asymptomatic AS, defined as either:
 - a) Peak velocity $\geq 4\text{m/s}$ OR mean pressure gradient $\geq 40\text{mmHg}$ WITH aortic valve area $\leq 1.0\text{cm}^2$ OR $\leq 0.6\text{cm}^2/\text{m}^2$ body surface area
 - OR
 - b) Peak velocity $\geq 4\text{m/s}$ OR mean pressure gradient $\geq 40\text{mmHg}$ WITH aortic valve area $>1.0 - \leq 1.2\text{cm}^2$ OR $>0.6 - \leq 0.7\text{cm}^2/\text{m}^2$ body surface area AND high sex specific calcium score*
 - OR
 - c) Peak Velocity $\geq 3.5\text{m/s} - 3.9\text{m/s}$ AND mean pressure gradient $<40\text{ mmHg}$ WITH aortic valve area $\leq 1.0\text{cm}^2$ OR $\leq 0.6\text{cm}^2/\text{m}^2$ body surface area AND high sex specific calcium score*
- *Sex specific high calcium scores: >1200 females; >2000 males
- The responsible clinician feels that *either* ongoing surveillance *or* early AVR are appropriate
- Regarded by the treating cardiologist to be suitable for AVR (surgical or TAVI) with an acceptable risk
- Willing to provide informed consent and be randomised to early AVR or expectant management
- An ability to understand one of the written languages that the study has provided written and visual materials in, or the availability of a translator to explain the study documentation

EXCLUSION CRITERIA

- Symptoms related to AS
- Additional severe valvular heart disease
- Other cardiac surgery planned pre-randomisation (e.g. CABG)
- Left ventricular systolic dysfunction (LVEF $<50\%$)
- Pregnancy
- Co-morbid condition that, in the opinion of the treating cardiologist, limits life expectancy to <2 years
- Patient has previously undergone AVR or TAVI with restenosis

To discuss the trial further or refer a patient, please contact your local site Principal Investigator. Please turn page over for a list of sites and investigators, or scan the QR code below for more information about the trial.



Australian EASY-AS Sites and Principal Investigators

The EASY-AS Trial has recruiting sites in all Australian states and territories. The Principal Investigator and contact information for all sites are listed below. If you identify a patient who meets the EASY-AS eligibility criteria, you can refer them to your local site for trial-related activities, while their regular care would remain with you, their treating cardiologist.

VICTORIA

Monash Health

Prof. Julian Smith
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University Hospital Geelong

Prof. John Amerena
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Northern Health

A/Prof Chiew Wong
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Peninsula Health

Frankston Hospital
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QUEENSLAND

Gold Coast University Hospital

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Townsville Hospital

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Prince Charles Hospital

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TASMANIA

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NEW SOUTH WALES

Westmead Hospital

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Liverpool Hospital

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Royal North Shore Hospital

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Nepean Hospital

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John Hunter Hospital

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Wollongong Hospital

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WESTERN AUSTRALIA

Royal Perth Hospital

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Fiona Stanley Hospital

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Sir Charles Gairdner Hospital

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SOUTH AUSTRALIA

Flinders Medical Centre

Prof. Joseph Selvanayagam
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Royal Adelaide Hospital

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Lyell McEwin Hospital

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The Queen Elizabeth Hospital

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AUSTRALIAN CAPITAL TERRITORY

Canberra Hospital

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