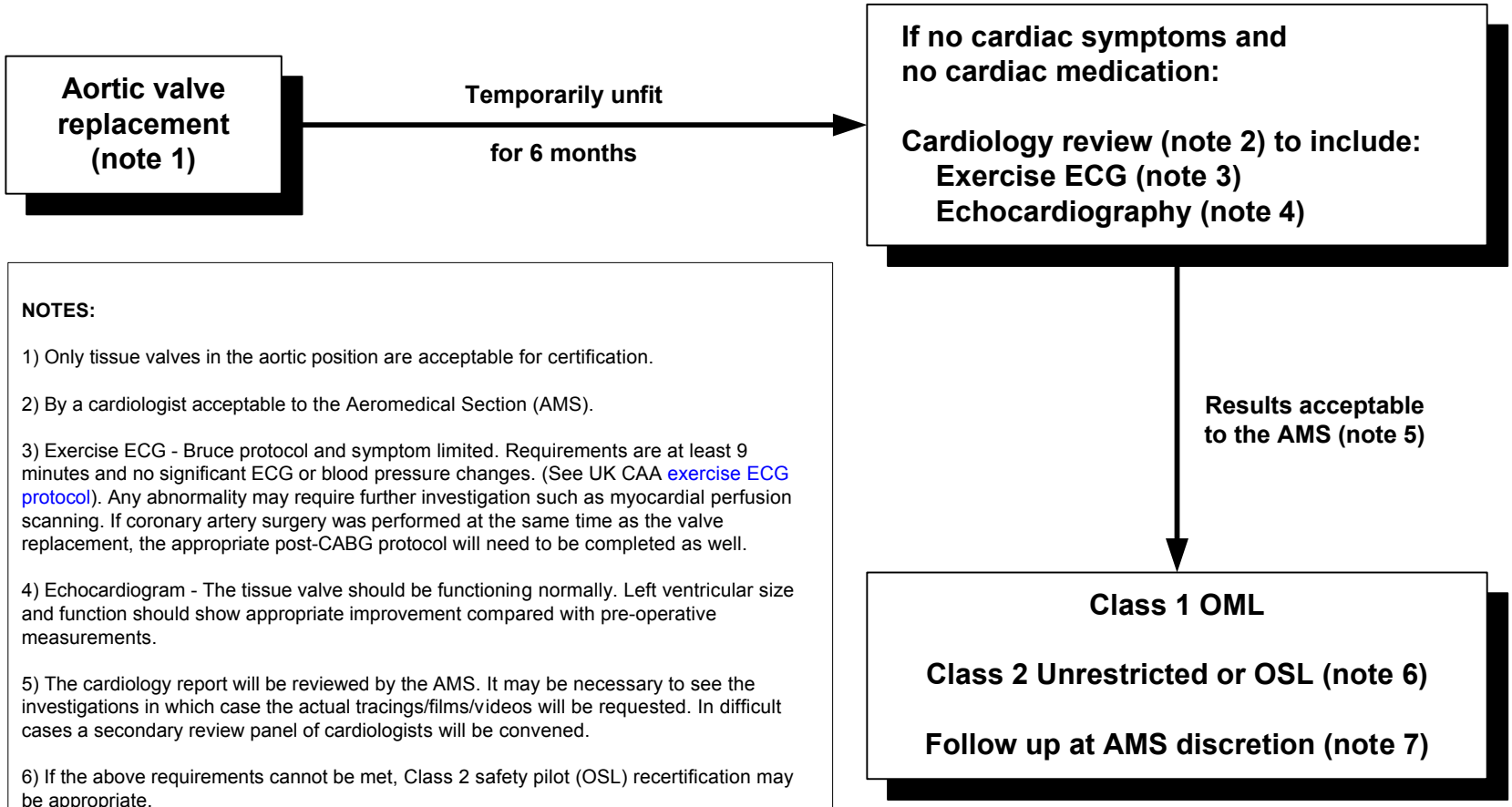
JAA Class 1/2 certification - Aortic valve replacement



NOTES:

1) Only tissue valves in the aortic position are acceptable for certification.

2) By a cardiologist acceptable to the Aeromedical Section (AMS).

3) Exercise ECG - Bruce protocol and symptom limited. Requirements are at least 9 minutes and no significant ECG or blood pressure changes. (See UK CAA exercise ECG protocol). Any abnormality may require further investigation such as myocardial perfusion scanning. If coronary artery surgery was performed at the same time as the valve replacement, the appropriate post-CABG protocol will need to be completed as well.

4) Echocardiogram - The tissue valve should be functioning normally. Left ventricular size and function should show appropriate improvement compared with pre-operative measurements.

5) The cardiology report will be reviewed by the AMS. It may be necessary to see the investigations in which case the actual tracings/films/videos will be requested. In difficult cases a secondary review panel of cardiologists will be convened.

6) If the above requirements cannot be met, Class 2 safety pilot (OSL) recertification may be appropriate.

7) Periodic cardiological review (initially annually) should include an exercise ECG and echocardiography.

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