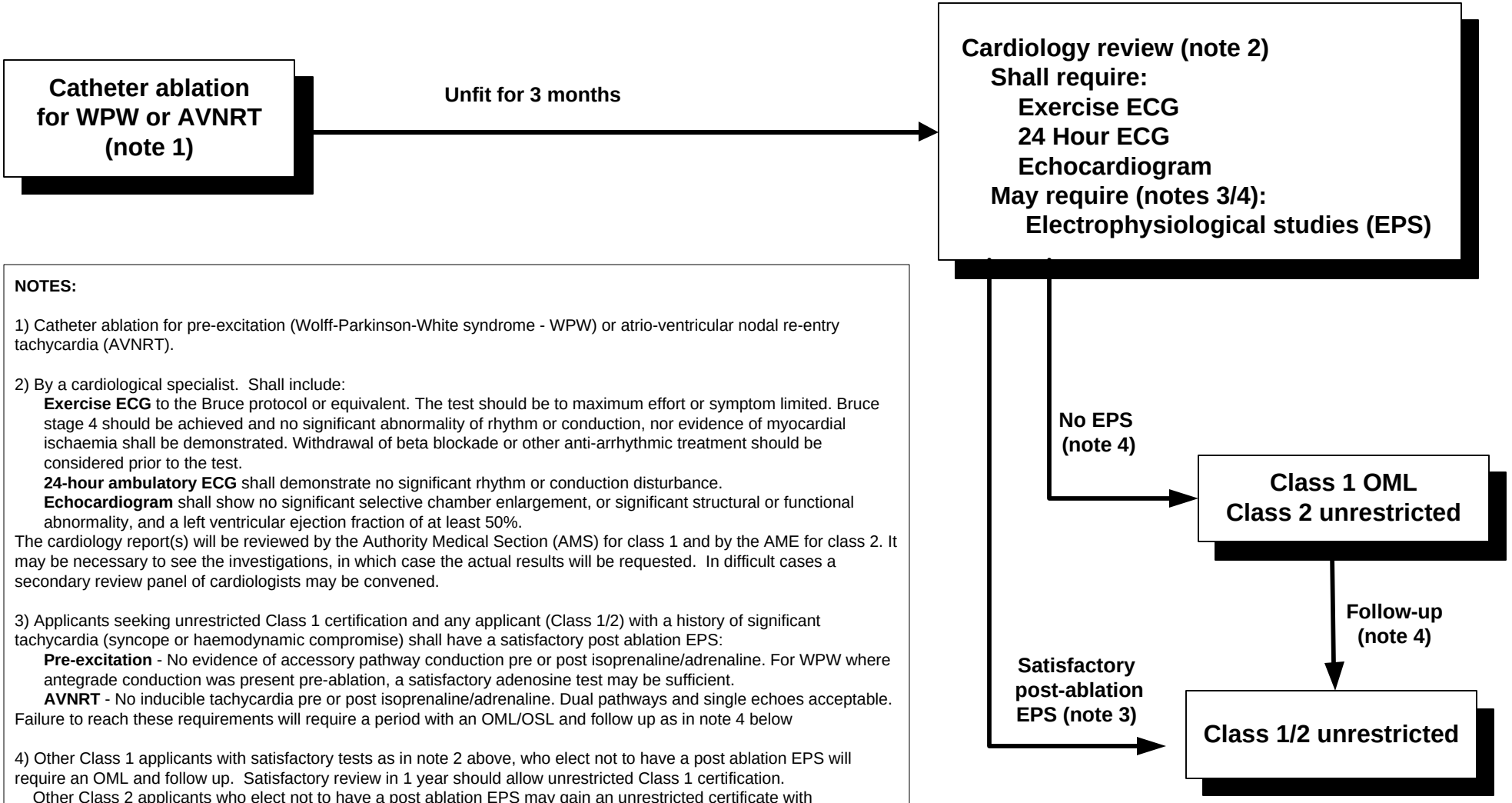
Class 1/2 certification - Catheter ablation for WPW syndrome and AVNRT



NOTES:

1) Catheter ablation for pre-excitation (Wolff-Parkinson-White syndrome - WPW) or atrio-ventricular nodal re-entry tachycardia (AVNRT).

2) By a cardiological specialist. Shall include:
Exercise ECG to the Bruce protocol or equivalent. The test should be to maximum effort or symptom limited. Bruce stage 4 should be achieved and no significant abnormality of rhythm or conduction, nor evidence of myocardial ischaemia shall be demonstrated. Withdrawal of beta blockade or other anti-arrhythmic treatment should be considered prior to the test.
24-hour ambulatory ECG shall demonstrate no significant rhythm or conduction disturbance.
Echocardiogram shall show no significant selective chamber enlargement, or significant structural or functional abnormality, and a left ventricular ejection fraction of at least 50%.
The cardiology report(s) will be reviewed by the Authority Medical Section (AMS) for class 1 and by the AME for class 2. It may be necessary to see the investigations, in which case the actual results will be requested. In difficult cases a secondary review panel of cardiologists may be convened.

3) Applicants seeking unrestricted Class 1 certification and any applicant (Class 1/2) with a history of significant tachycardia (syncope or haemodynamic compromise) shall have a satisfactory post ablation EPS:
Pre-excitation - No evidence of accessory pathway conduction pre or post isoprenaline/adrenaline. For WPW where antegrade conduction was present pre-ablation, a satisfactory adenosine test may be sufficient.
AVNRT - No inducible tachycardia pre or post isoprenaline/adrenaline. Dual pathways and single echoes acceptable.
Failure to reach these requirements will require a period with an OML/OSL and follow up as in note 4 below

4) Other Class 1 applicants with satisfactory tests as in note 2 above, who elect not to have a post ablation EPS will require an OML and follow up. Satisfactory review in 1 year should allow unrestricted Class 1 certification.
Other Class 2 applicants who elect not to have a post ablation EPS may gain an unrestricted certificate with satisfactory tests as in note 2 above. Further review may not be necessary. Failure to achieve the requirements may require an OSL.

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