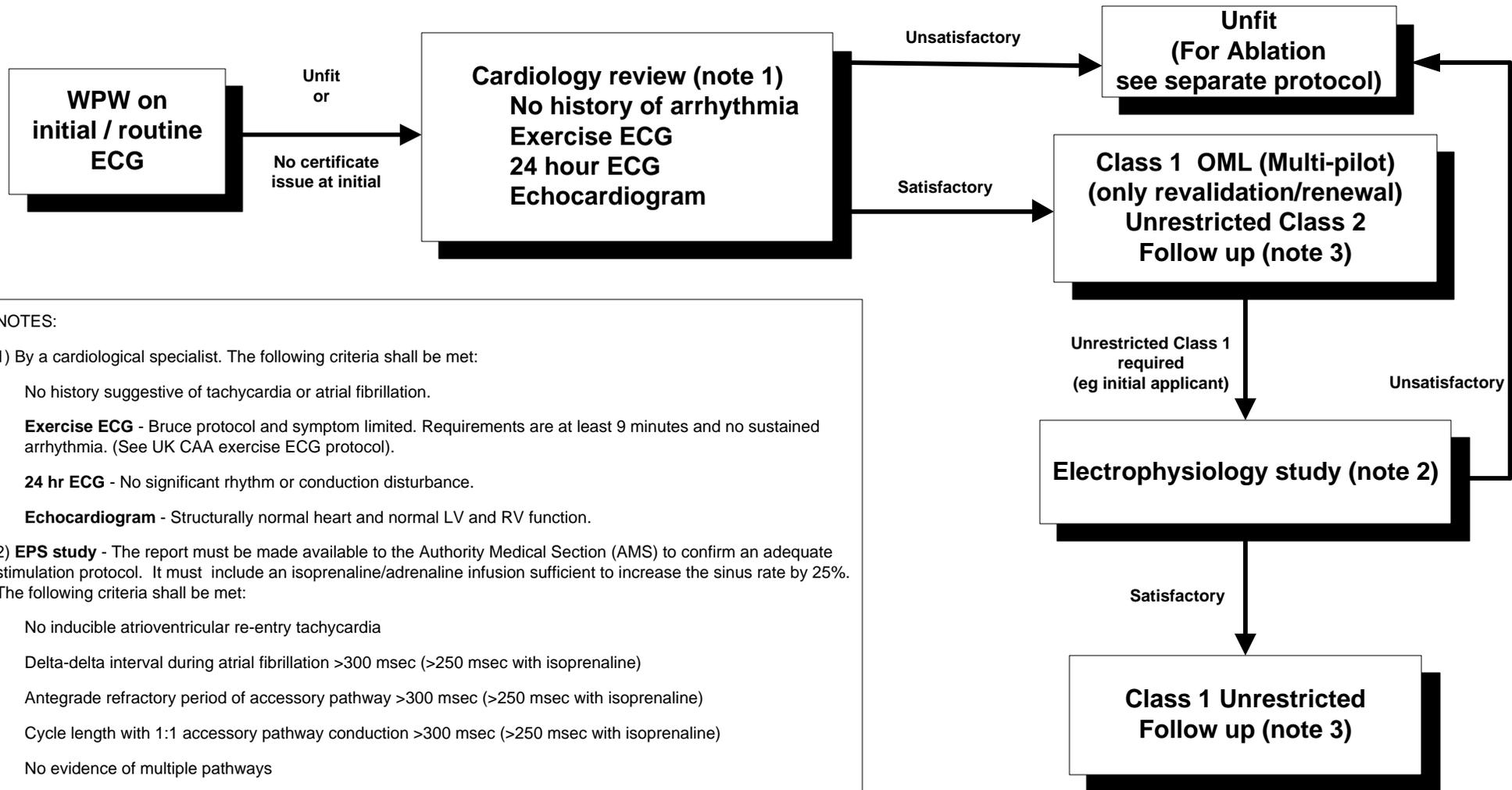


## Class 1/2 certification - Wolff-Parkinson-White (WPW) pre-excitation



### NOTES:

1) By a cardiologist specialist. The following criteria shall be met:

No history suggestive of tachycardia or atrial fibrillation.

**Exercise ECG** - Bruce protocol and symptom limited. Requirements are at least 9 minutes and no sustained arrhythmia. (See UK CAA exercise ECG protocol).

**24 hr ECG** - No significant rhythm or conduction disturbance.

**Echocardiogram** - Structurally normal heart and normal LV and RV function.

2) **EPS study** - The report must be made available to the Authority Medical Section (AMS) to confirm an adequate stimulation protocol. It must include an isoprenaline/adrenaline infusion sufficient to increase the sinus rate by 25%. The following criteria shall be met:

No inducible atrioventricular re-entry tachycardia

Delta-delta interval during atrial fibrillation >300 msec (>250 msec with isoprenaline)

Antegrade refractory period of accessory pathway >300 msec (>250 msec with isoprenaline)

Cycle length with 1:1 accessory pathway conduction >300 msec (>250 msec with isoprenaline)

No evidence of multiple pathways

The report will be reviewed by the AMS. In difficult cases a secondary review panel of cardiologists will be convened.

3) Class 1 follow up shall be at the discretion of the AMS.

