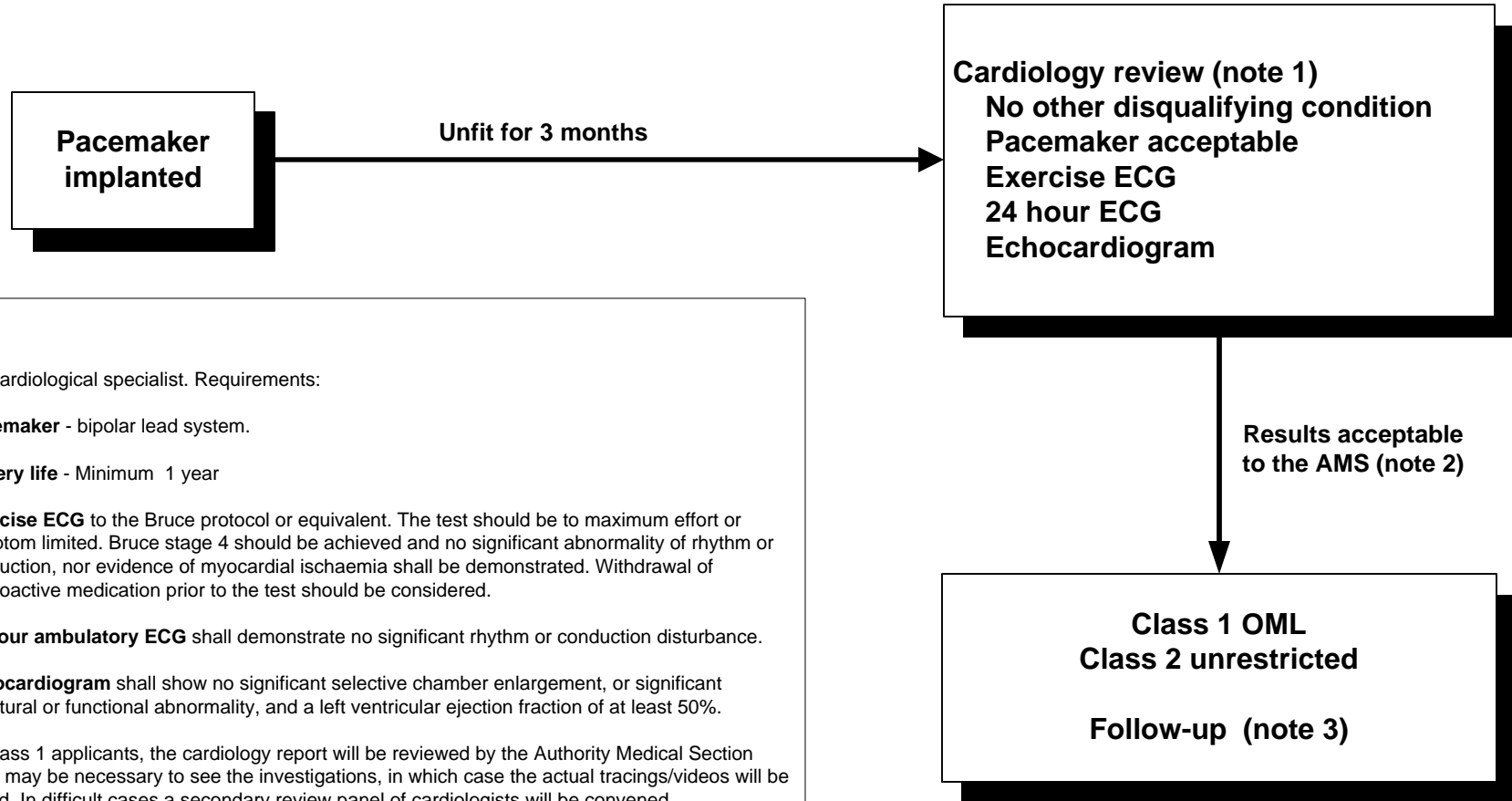


# Class 1/2 certification - Implantation of a cardiac pacemaker



## NOTES:

1) By a cardiologist specialist. Requirements:

**Pacemaker** - bipolar lead system.

**Battery life** - Minimum 1 year

**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 cardioactive medication prior to the test should be considered.

**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%.

2) For class 1 applicants, the cardiology report will be reviewed by the Authority Medical Section (AMS). It may be necessary to see the investigations, in which case the actual tracings/videos will be requested. In difficult cases a secondary review panel of cardiologists will be convened.

3) Follow-up will normally be a minimum of a six monthly pacemaker check and an annual cardiology review.

