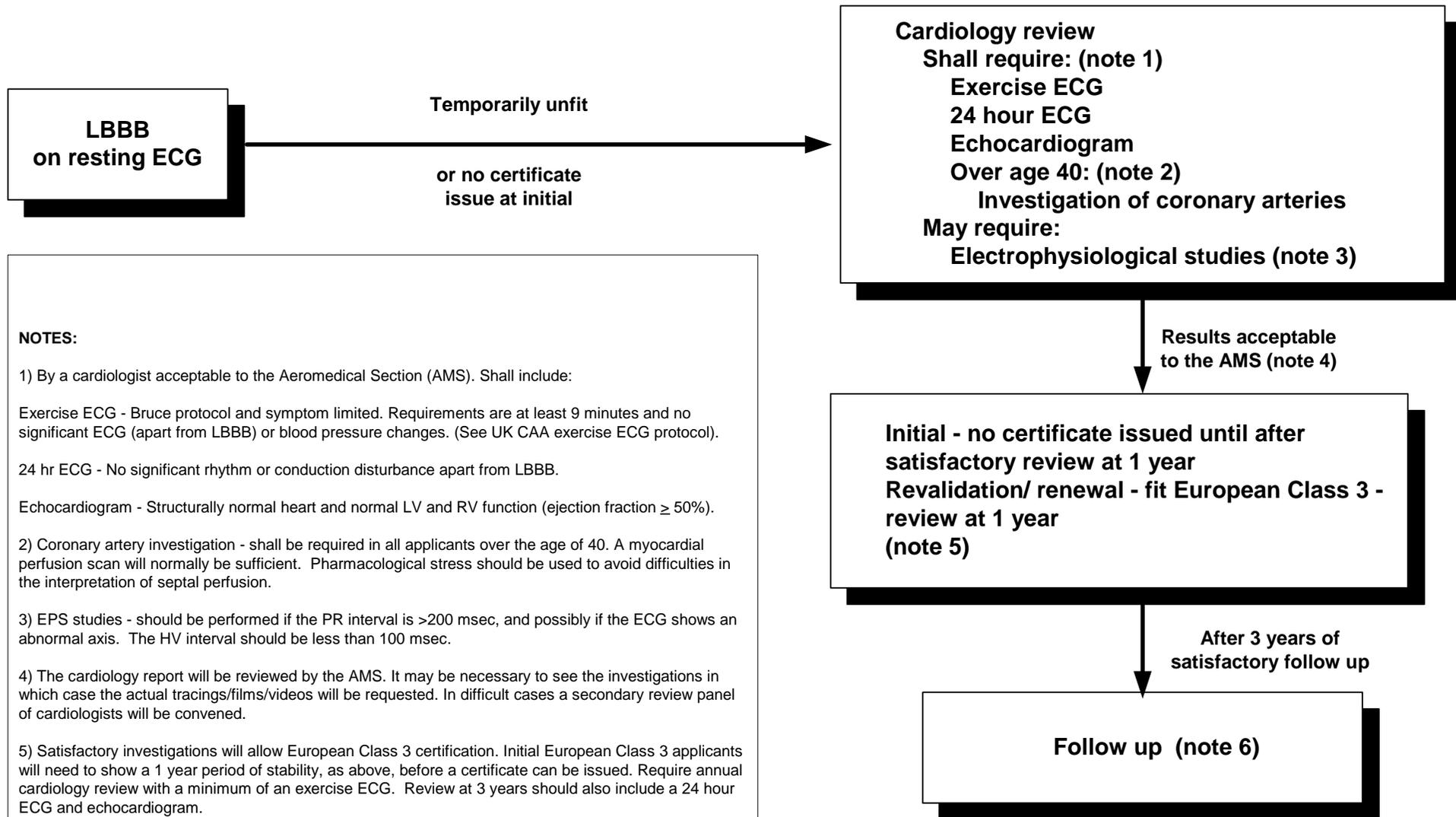


European Class 3 certification - Left Bundle Branch Block (LBBB)



NOTES:

1) By a cardiologist acceptable to the Aeromedical Section (AMS). Shall include:

Exercise ECG - Bruce protocol and symptom limited. Requirements are at least 9 minutes and no significant ECG (apart from LBBB) or blood pressure changes. (See UK CAA exercise ECG protocol).

24 hr ECG - No significant rhythm or conduction disturbance apart from LBBB.

Echocardiogram - Structurally normal heart and normal LV and RV function (ejection fraction $\geq 50\%$).

2) Coronary artery investigation - shall be required in all applicants over the age of 40. A myocardial perfusion scan will normally be sufficient. Pharmacological stress should be used to avoid difficulties in the interpretation of septal perfusion.

3) EPS studies - should be performed if the PR interval is >200 msec, and possibly if the ECG shows an abnormal axis. The HV interval should be less than 100 msec.

4) 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.

5) Satisfactory investigations will allow European Class 3 certification. Initial European Class 3 applicants will need to show a 1 year period of stability, as above, before a certificate can be issued. Require annual cardiology review with a minimum of an exercise ECG. Review at 3 years should also include a 24 hour ECG and echocardiogram.

6) Follow up will be at the discretion of the AMS. ATCOs with long standing LBBB should expect to be asked to have occasional cardiology reviews to check that all remains well.