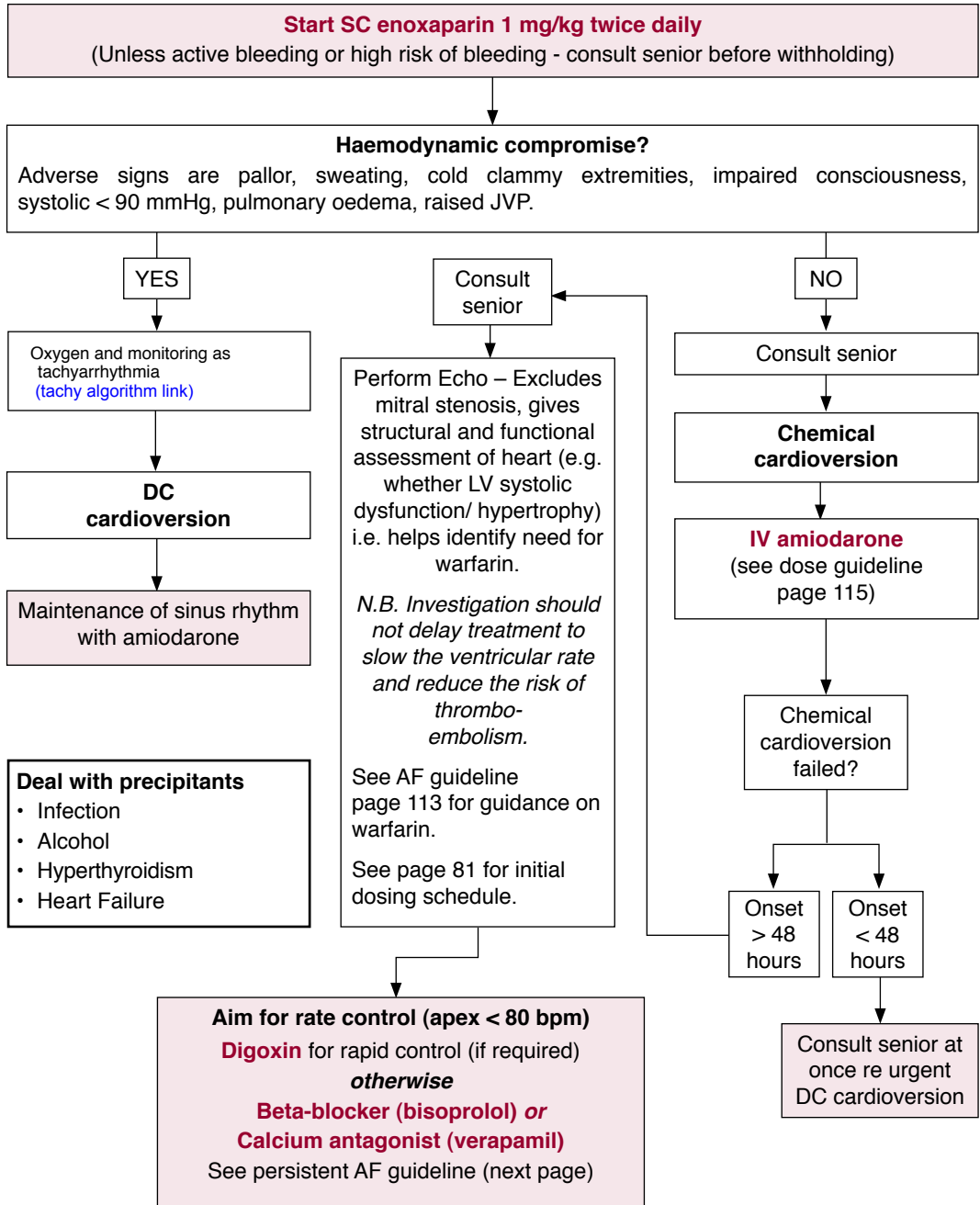


Algorithm for Cardioversion of AF



Atrial Fibrillation (AF) or Flutter – Recent Onset



Requiring admission, or onset during admission for other problem e.g. post surgery.

- Follow guidance for tachyarrhythmia. ([Link to peri-arrest algorithm](#))
- Haemodynamic compromise is an indication for rapid DC cardioversion - always use sedation or general anaesthesia, ensure 2 doctors present (one with advanced airway skills).
- If the patient is haemodynamically stable, (no reduced conscious level, systolic BP > 90 mmHg, no chest pain and no heart failure), and onset < 48 hours, consider chemical cardioversion with IV amiodarone.
- Control ventricular rate with oral bisoprolol (or digoxin IV if heart failure is present).
- If chemical cardioversion fails, consult senior medical staff re electrical cardioversion.
- Do echo and consider warfarin.
- Remember – many cases of new onset AF or flutter will spontaneously revert to sinus rhythm – particularly if there is an obvious precipitating cause such as pneumonia, alcohol intoxication, hyperthyroidism or surgery.
- Cardioversion is much less successful in established AF or flutter than in new onset, and, if being considered, should not be delayed. Anticoagulant cover required if onset > 48 hours, so 4 - 6 week delay required.