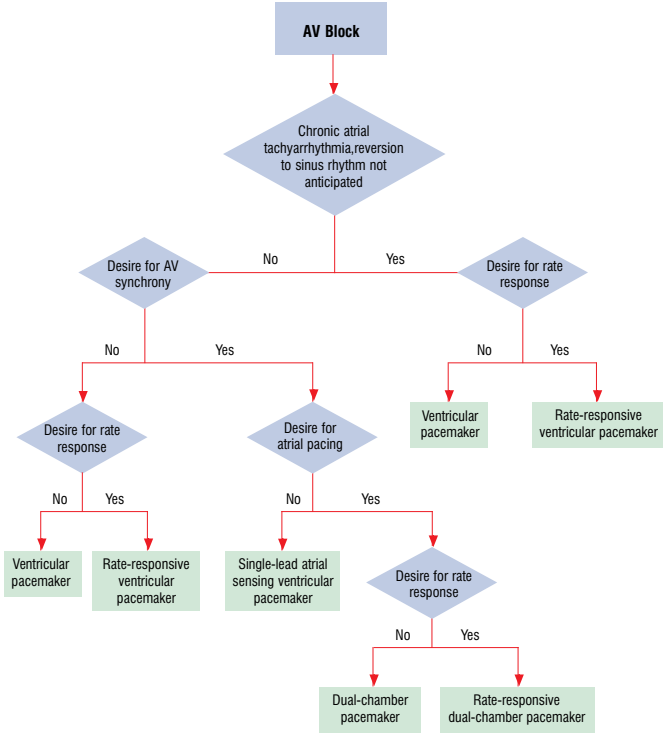
Figure 1. Selection of Pacemaker Systems for Patients With Atrioventricular Block

Decisions are illustrated by diamonds. Green shaded boxes indicate type of pacemaker.



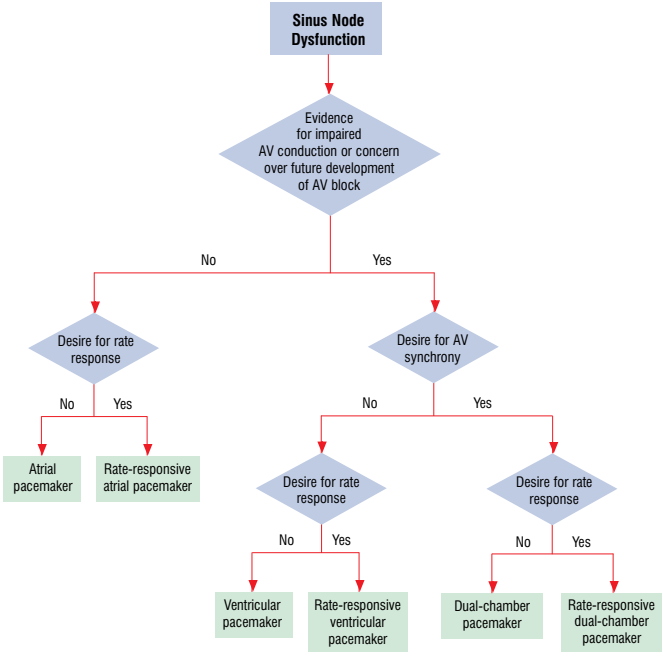
AV indicates atrioventricular.

Table 2. Choice of Pacemaker Generator in Selected Indications for Pacing

Pacemaker Generator	Sinus Node Dysfunction	Atrioventricular Block	Neurally Mediated Syncope or Carotid Sinus Hypersensitivity
Single-chamber atrial pacemaker	No suspected abnormality of atrioventricular conduction and not at increased risk for future atrioventricular block Maintenance of atrioventricular synchrony during pacing desired	Not appropriate	Not appropriate
Single-chamber ventricular pacemaker	Maintenance of atrioventricular synchrony during pacing not necessary Rate response available if desired	Chronic atrial fibrillation or other atrial tachyarrhythmia or maintenance of atrioventricular synchrony during pacing not necessary Rate response available if desired	Chronic atrial fibrillation or other atrial tachyarrhythmia Rate response available if desired
Dual-chamber pacemaker	Atrioventricular synchrony during pacing desired Suspected abnormality of atrioventricular conduction or increased risk for future atrioventricular block Rate response available if desired	Rate response available if desired Atrioventricular synchrony during pacing desired Atrial pacing desired Rate response available if desired	Sinus mechanism present Rate response available if desired
Single-lead, atrial-sensing ventricular pacemaker	Not appropriate	Desire to limit the number of pacemaker leads	Not appropriate

Figure 2. Selection of Pacemaker Systems for Patients With Sinus Node Dysfunction

Decisions are illustrated by diamonds. Green shaded boxes indicate type of pacemaker.



AV indicates atrioventricular.

Table 3. Device Monitoring Times Postimplantation

Postimplantation Milestone	Monitoring Time
Guideline I	
Single chamber	
1st Month	Every 2 weeks
2nd to 36th Month	Every 8 weeks
37th Month to failure	Every 4 weeks
Dual chamber	
1st Month	Every 2 weeks
2nd to 6th Month	Every 4 weeks
7th to 36th Month	Every 8 weeks
37th Month to failure	Every 4 weeks
Guideline II	
Single chamber	
1st Month	Every 2 weeks
2nd to 48th Month	Every 12 weeks
49th Month to failure	Every 4 weeks
Dual chamber	
1st Month	Every 2 weeks
2nd to 30th Month	Every 12 weeks
31st to 48th Month	Every 8 weeks
49th Month to failure	Every 4 weeks

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The following material was adapted from the ACC/AHA/HRS 2008 *Guidelines for Device-Based Therapy of Cardiac Rhythm Abnormalities.* For a copy of the summary article (J Am Coll Cardiol. 2008;xx:xxxx-xx; Circulation. 2008;xx:xxxx-xx) and full report, visit our Web sites at http://www.acc.org or http://www.americanheart.org or call the ACC Resource Center at 1-800-253-4636, ext. 5603.

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