

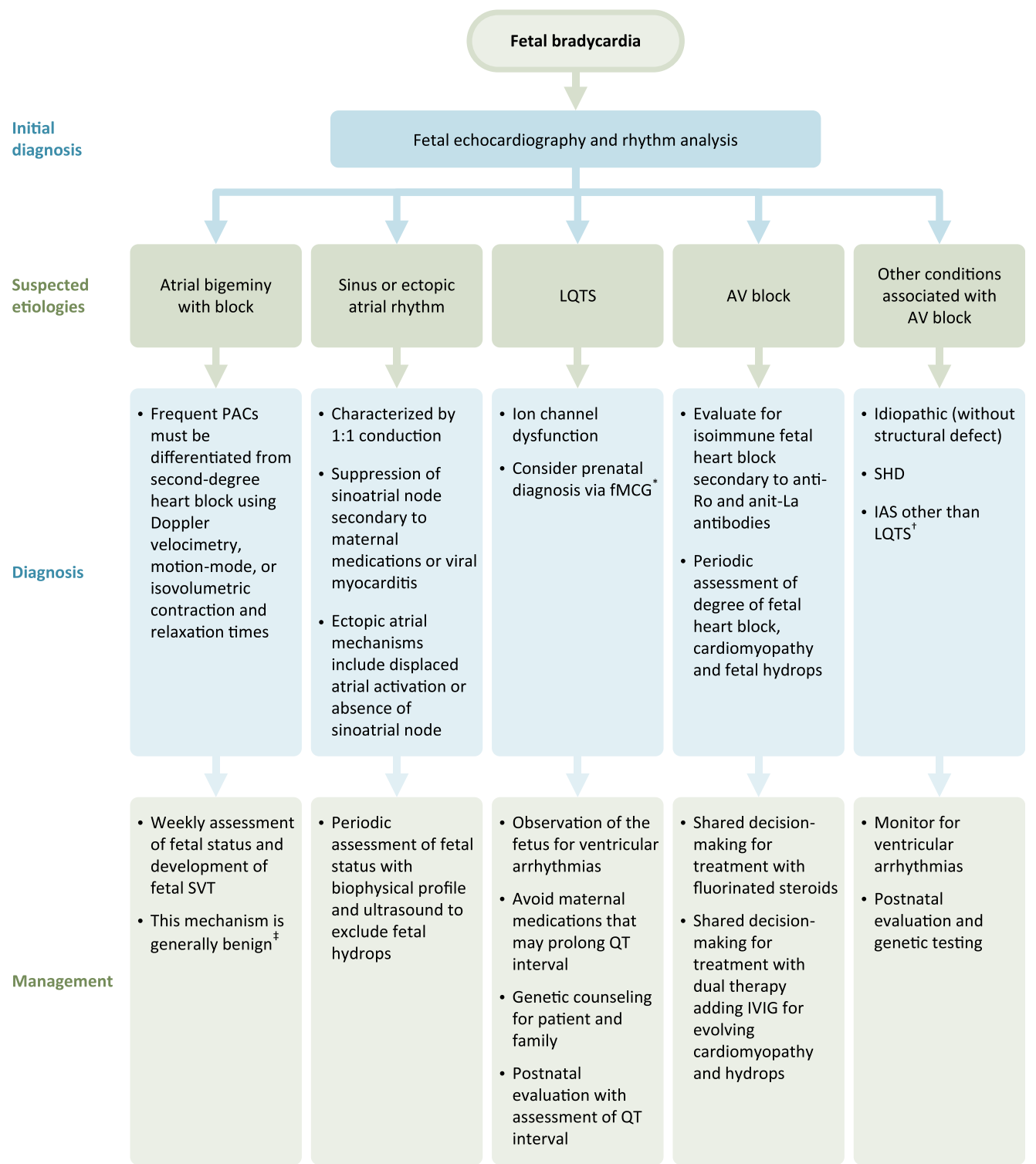


Figure 17 Diagnosis and management of fetal bradycardia. *Hamada et al.⁴¹⁴ †Ishikawa et al.⁴²¹ ‡Friedman et al.⁴²² AV = atrioventricular, fMCG = fetal magnetocardiography, IAS = inherited arrhythmia syndromes, IVIG = intravenous immunoglobulin, LQTS = long QT syndrome, PAC = premature atrial contraction, SHD = structural heart disease.

2. Regardless of etiology, third-degree heart block can lead to fetal hydrops and fetal heart failure, depending upon gestational age. Management includes administration of steroids for fetal lung maturity since fetal deterioration should prompt consideration of premature delivery. Frequent assessment via biophysical profile testing is important in these cases to monitor fetal status.⁴¹²
3. Fetal echocardiogram to evaluate fetal bradycardia may reveal structural cardiac disease, such as corrected