

Arrhythmias

CHI Formulary Treatment algorithm

Treatment algorithm- January 2024

Supporting treatment algorithms
for the clinical management of
Arrhythmias

Figures 1 to 6 outline a comprehensive treatment algorithm on **the management of Arrhythmias** aimed at addressing the different lines of treatment after thorough review of medical and economic evidence by CHI committees.

For further evidence, please refer to CHI **Arrhythmias** full report. You can stay updated on the upcoming changes to our formulary by visiting our website at <https://chi.gov.sa/AboutCCHI/CCHIprograms/Pages/IDF.aspx>

Our treatment algorithm offers a robust framework for enhancing patient care and optimizing treatment outcomes across a range of treatment options, holding great promise for improving healthcare delivery.

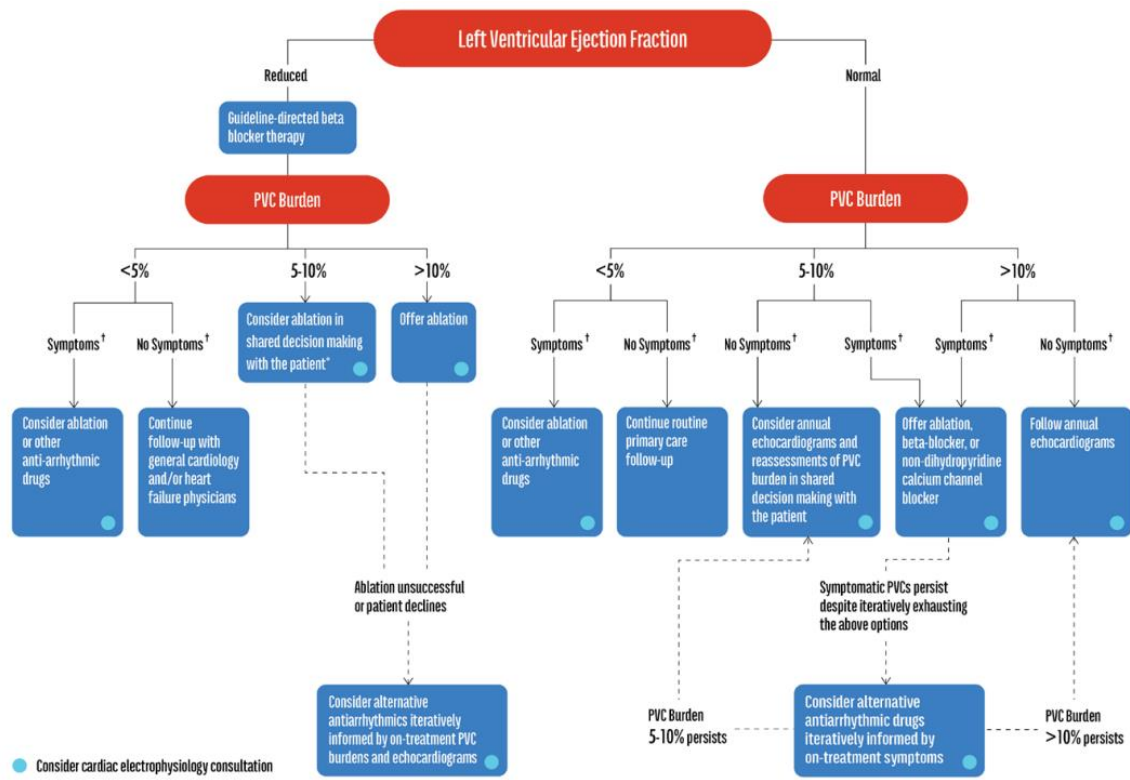


Figure 1: Suggested workflow in considering the evaluation and management of patients with predominantly monomorphic premature ventricular complexes.

¹ Retrieved from the 2020 AHA recommendations.

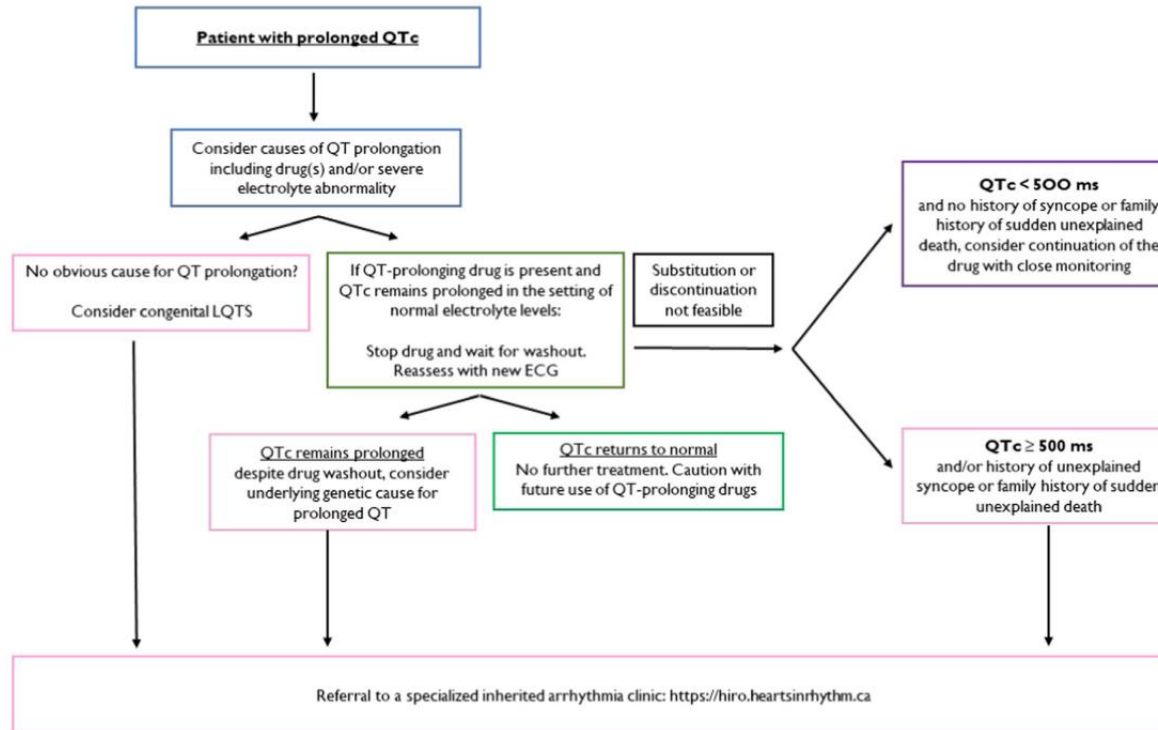


Figure 2: Decision-making algorithm for the patient presenting with a prolonged QT interval corrected for heart rate (QTc).

² Retrieved from the 2023 Canadian cardiovascular society clinical practice guidelines.

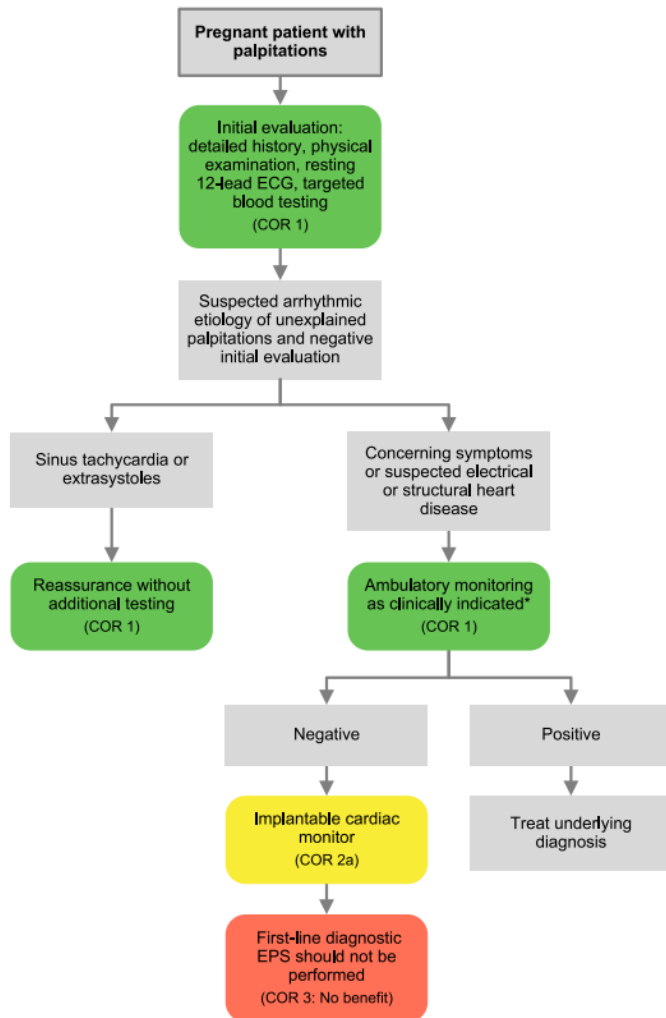


Figure 3: Approach to the diagnosis of pregnant patients presenting with palpitations.

³ Retrieved from the 2023 HRS consensus.

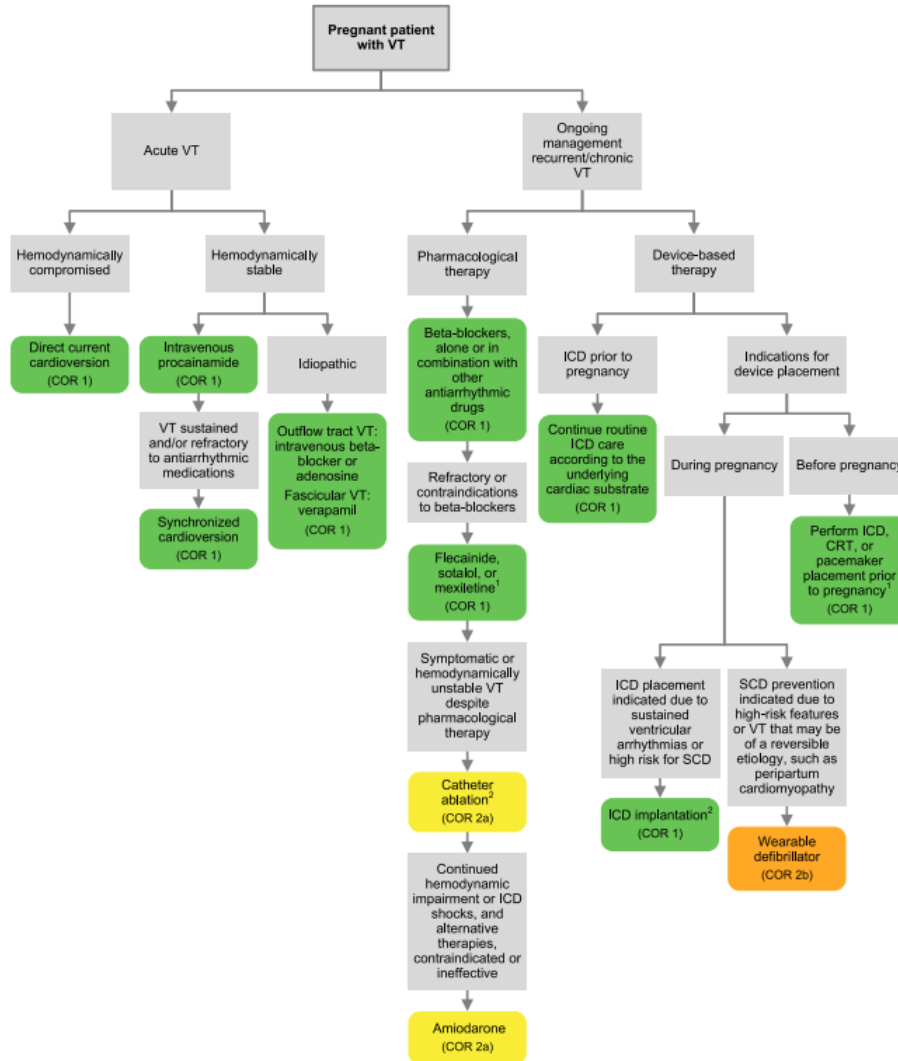


Figure 4: Recommendations for the management of pregnant patients with ventricular arrhythmias.

⁴ Retrieved from the 2023 HRS consensus.

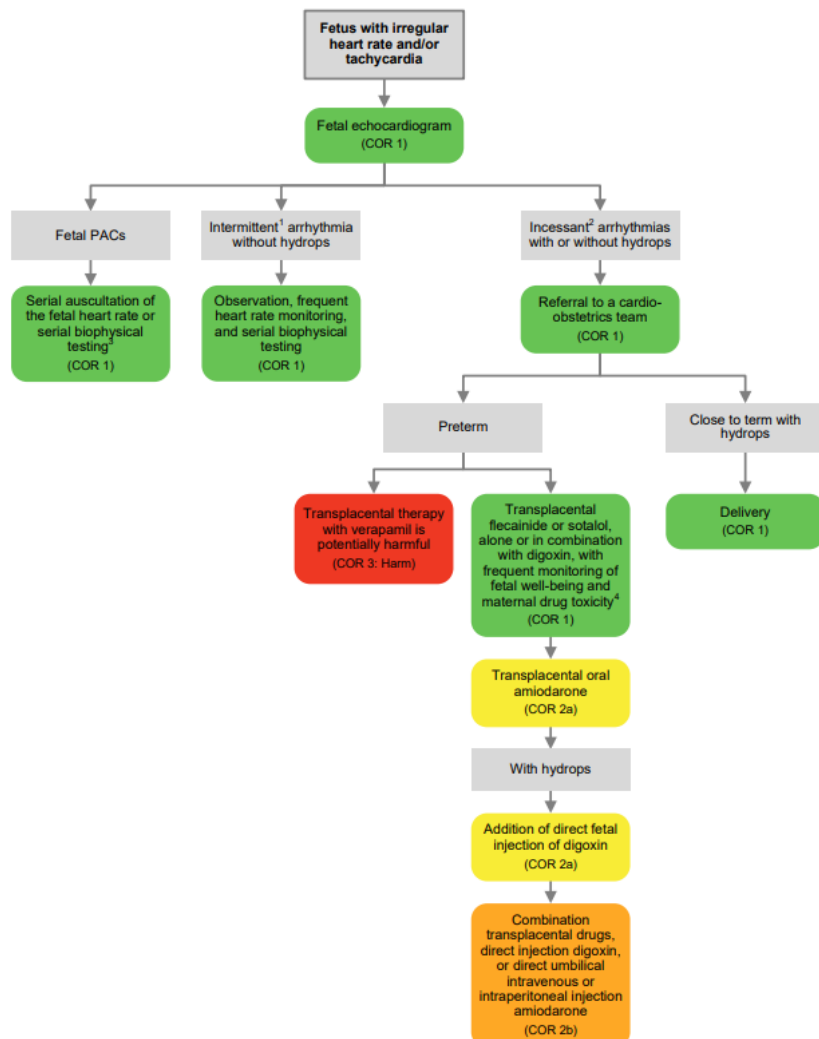


Figure 5: Management of fetuses with irregular heart rate and tachycardia

⁵ Retrieved from the 2023 HRS consensus.

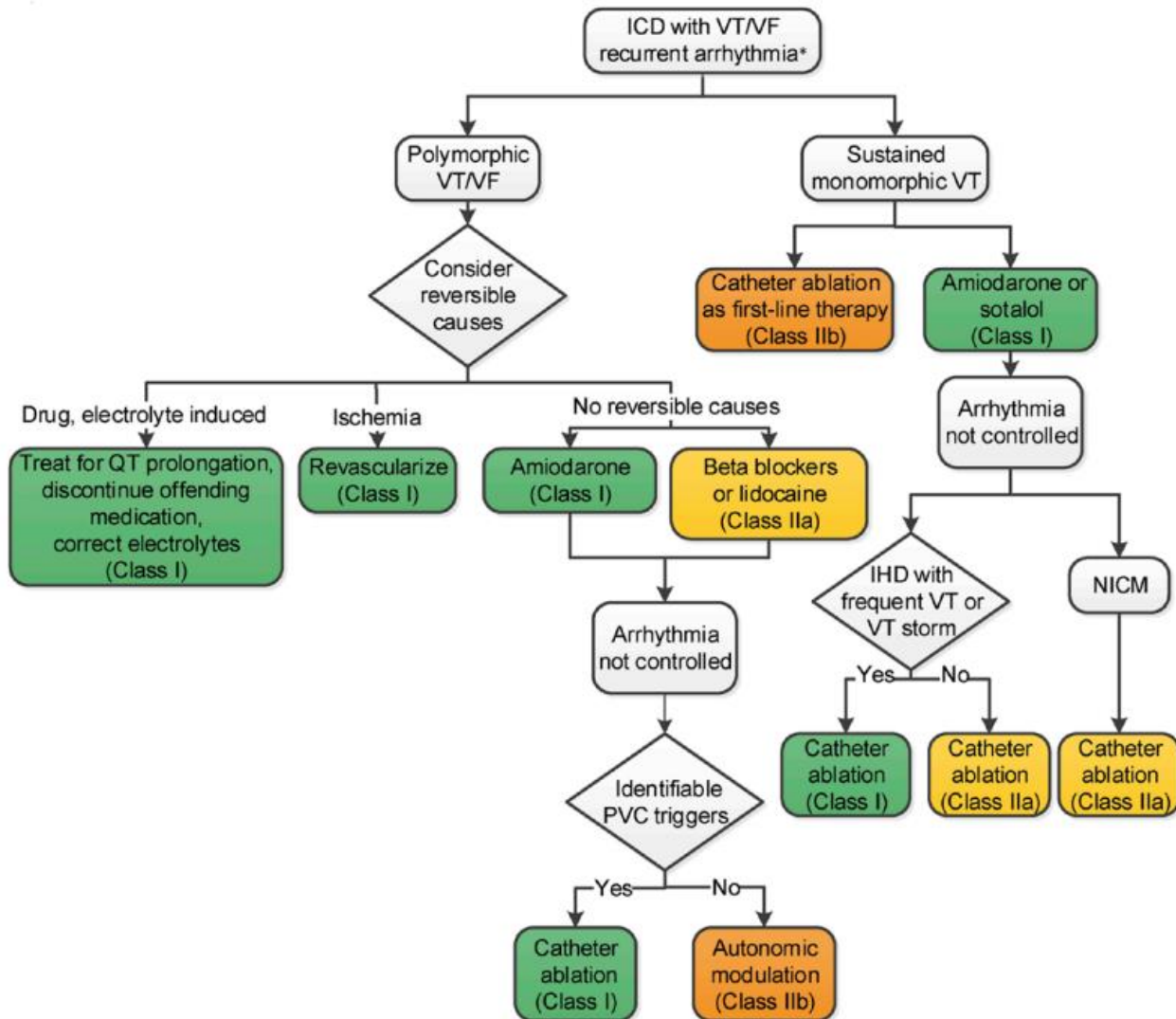


Figure 6: Treatment of recurrent ventricular arrhythmias in patients with ischemic heart disease or nonischemic cardiomyopathy.

⁶ Retrieved from 2017 AHA/ACC guidelines.