Glossary

Andersen-Tawil syndrome (ATS)	A disorder characterized by 3 features: episodic paralysis, ventricular arrhythmias, and prolonged QT interval. Approximately 60% of individuals with ATS have a mutation in KCNJ2, which encodes the inward rectifier potassium channel 2 protein, Kir2.1.
Bradycardia	Abnormally slow heartbeat.
Brugada syndrome	A genetic, ion channel disorder associated with unique electrocardiographic manifestations and an increased risk for ventricular fibrillation.
QT interval	The time interval from the onset of the QRS deflection to the completion of the T wave on the ECG.
Syncope	Transient loss of consciousness.
Timothy syndrome (TS)	A rare childhood disorder that leads to severe cardiac arrhythmia and cognitive and physical deficits. It is caused by a mutation in the Cav1.2 calcium channel.
Torsade de pointes	A form of polymorphic ventricular tachycardia characterized by a change in the amplitude and twisting of the QRS complexes. It is associated with a prolonged QT interval, and it usually terminates spontaneously but frequently persists and may worsen into sustained ventricular tachycardia (VT) and ventricular fibrillation.
Yotiao	An adapter protein involved in the β-adrenergic receptor signaling cascade of the I_{Ks}.