Ventricular Fibrillation/Pulseless Ventricular Tachycardia

Pre-Medical Control

MFR/EMT/SPECIALIST

1. Follow the **Cardiac Arrest – General Protocol**.
2. Avoid interruptions in CPR.
3. Defibrillate at 2 joules/kg*.
4. Continue CPR for 2 minutes or 5 cycles and reassess rhythm.
5. Repeat defibrillation at 4 joules/kg if Ventricular Fibrillation/Pulseless Ventricular Tachycardia persists.
6. Continue CPR for 2 minutes or 5 cycles and reassess rhythm.
7. Repeat defibrillation at 4 joules/kg if Ventricular Fibrillation /Pulseless Ventricular Tachycardia persists*.
8. Continue CPR for 2 minutes or 5 cycles and reassess rhythm.

PARAMEDIC

9. Follow the **Cardiac Arrest – General Protocol**.
10. Avoid interruptions in CPR.
11. Defibrillate at 2 joules/kg*.
12. Continue CPR for 2 minutes or 5 cycles and reassess rhythm.
13. Repeat defibrillation at 4 joules/kg if Ventricular Fibrillation/Pulseless Ventricular Tachycardia persists.
14. Continue CPR for 2 minutes or 5 cycles and reassess rhythm.
15. Administer Epinephrine 0.01 mg/kg 1:10,000 (0.1 ml/kg) IV/IO. Repeat every 3-5 minutes. May be administered before or after defibrillation.
16. Continue CPR for 2 minutes or 5 cycles and reassess rhythm.
17. Repeat defibrillation at 4 joules/kg if Ventricular Fibrillation /Pulseless Ventricular Tachycardia persists*.
18. Continue CPR for 2 minutes or 5 cycles and reassess rhythm.
19. Repeat defibrillation at 4 joules/kg if Ventricular Fibrillation /Pulseless Ventricular Tachycardia persists*.

Medication Options:
(choose one)

☐ Amiodorone

OR

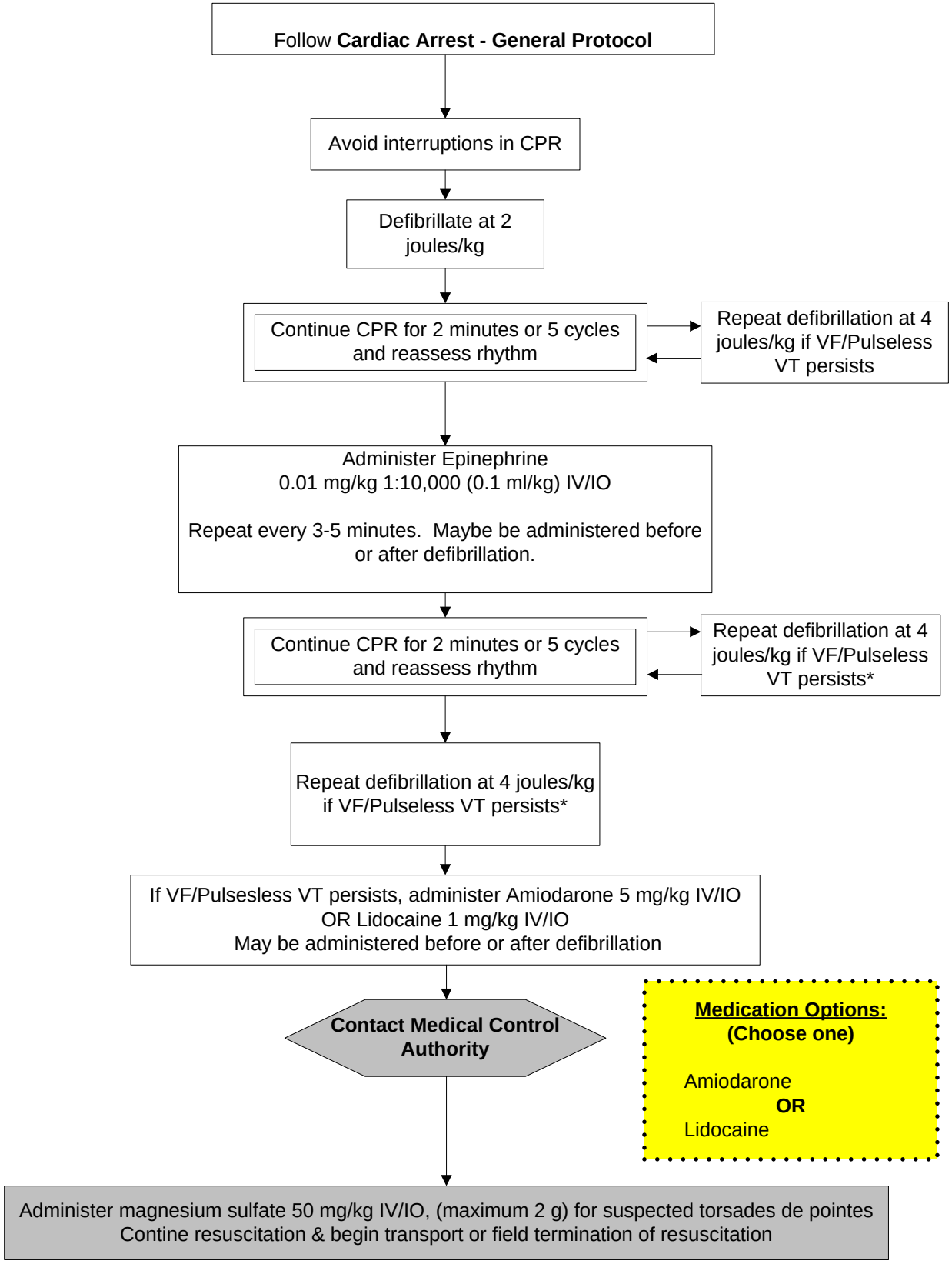
☐ Lidocaine

20. If VF/Pulseless Ventricular Tachycardia persists, administer Amiodarone 5 mg/kg IV/IO or Lidocaine 1 mg/kg IV/IO. May be administered before or after defibrillation.

Post-Medical Control

21. Administer magnesium sulfate 50 mg/kg IV/IO, (maximum 2 g) for suspected torsades de pointes.
22. Continue resuscitation and begin transport or field termination of resuscitation.

*If calculated energy is less than the lowest available setting use the lowest available setting.



*If calculated energy is less than the lowest available setting use the lowest available setting