

The PRIME Trial Medical Directive

A Primary Care Paramedic may provide the treatment prescribed in this Medical Directive if authorized.

Indications

Pediatric non-traumatic cardiac arrest

Conditions

CPR	
Age	≥ 24 hours to 17 years
LOA	Altered
HR	N/A
RR	N/A
SBP	N/A
Other	Performed in 2 minute intervals

Manual Defibrillation	
Age	≥ 24 hours to 17 years
LOA	Altered
HR	N/A
RR	N/A
SBP	N/A
Other	VF OR pulseless VT

SAED Defibrillation	
Age	≥ 24 hours to 17 years
LOA	Altered
HR	N/A
RR	N/A
SBP	N/A
Other	Defibrillation indicated

Epinephrine	
Age	≥ 24 hours to 17 years
LOA	Altered
HR	N/A
RR	N/A
SBP	N/A
Other	N/A

Contraindications

CPR
Obviously dead as per BLS PCS
Meet conditions of Do Not Resuscitate (DNR) Standard

Manual Defibrillation
Rhythms other than VF or pulseless VT

SAED Defibrillation
Non-shockable rhythm

Epinephrine
Allergy or sensitivity to epinephrine

Treatment

Consider CPR as described in the BLS PCS

Consider manual defibrillation (if available and authorized)

	Age	Age
	≥ 24 hours to < 8 years	≥ 8 years to 17 years
Dose	1 defibrillation	1 defibrillation
Initial dose	2 J/kg	As per BH / manufacturer
Subsequent dose(s)	4 J/kg	As per BH / manufacturer
Dosing interval	2 min	2 min
Max. # of doses	N/A	N/A

Consider SAED defibrillation (if not using manual defibrillation)			
	Age		Age
	≥ 24 hours to < 8 years		≥ 8 years to 17 years
	With Pediatric Attenuator Cable	Without Pediatric Attenuator Cable	N/A
Dose	1 defibrillation	1 defibrillation	1 defibrillation
Max. single dose	As per BH / manufacturer	As per BH / manufacturer	As per BH / manufacturer
Dosing interval	2 min	2 min	2 min
Max. # of doses	N/A	N/A	N/A

Consider EPINEPHrine Preload (if available)					
Route					
IM					
	Weight				
	≥ 3 kg to < 5 kg	≥ 5 kg to < 10 kg	≥ 10 kg to < 20 kg	≥ 20 kg to < 30 kg	≥ 30 kg
Dose	0.3 mg	0.5 mg	1 mg	2 mg	3 mg
Total # of injections	1	1	1	1	1
Dosing interval	N/A	N/A	N/A	N/A	N/A
Max. # of doses	1	1	1	1	1

**Consider EPINEPHrine Autoinjector
(if available)**

Route				
IM				
	Weight			
	≥ 3 kg to < 5 kg	≥ 5 kg to < 10 kg	≥ 10 kg to < 20 kg	≥ 20 kg
Dose	0.3 mg	0.5 mg	1.0 mg	2 mg
IM autoinjector used	0.3 mg	0.5 mg	0.5 mg	0.5 mg
Total # of injections	1	1	2	4
Dosing interval	N/A	N/A	N/A	N/A
Max. # of doses	1	1	1	1

Clinical Considerations

IM epinephrine to be administered as soon as feasible after the initial analysis is completed by paramedics.

Continue standard care as per the Medical Cardiac Arrest Directive once IM epinephrine has been administered.