REGION 11
CHICAGO EMS SYSTEM PROTOCOL

Title: Pediatric Ventricular Fibrillation / Pulseless Ventricular Tachycardia - ALS
Section: Pediatrics
Approved: EMS Medical Directors Consortium
Effective: March 1, 2016

PEDIATRIC VENTRICULAR FIBRILLATION / PULSELESS VENTRICULAR TACHYCARDIA - ALS

PRMC

Confirm unresponsiveness and check ABCs
If pulseless begin CPR

Monitor

Confirm V-fib/V-tach

Defibrillate 2 J/kg

CPR for 2 minutes

Check rhythm

VF/VT?

YES

Defibrillate 4 J/kg

Consider advanced airway

CPR for 2 minutes
Establish vascular access
Epinephrine 0.1 ml/kg (0.01mg/kg) IV/IO 1:10,000
Repeat every 3 to 5 minutes

Check rhythm

Defibrillate @ 4 J/kg

CPR for 2 minutes
Amiodarone 5 mg/kg IV/IO
May repeat X2
(Max dose 300 mg)

Check rhythm

Defibrillate @ 4 J/kg
CPR for 2 minutes

Transport and contact Medical Control as appropriate

NO

Pulse present?

See appropriate protocol

NO

YES

Transport and contact Medical Control as appropriate

1 – Pediatric CPR rates: 1 rescuer = 30 compressions: 2 ventilations
2 rescuers = 15 compressions: 2 ventilations

2 – Consider endotracheal drug administration, if vascular access unavailable
Epinephrine 0.1 ml/kg (0.1 mg/kg) ET 1:1,000