NOR-CAL EMS	05-0912	Skills: Pediatric Synchronized Cardioversion/Defibrillation - Annual Competency

Nor-Cal EMS Policy & Procedure Manual	BLS/ALS Protocols
Effective Date: 10/01/2020	Next Revision: 10/01/2023
Approval: Jeffrey Kepple MD – MEDICAL DIRECTOR	SIGNATURE ON FILE

Authority: Health and Safety Code Division 2.5, California Code of Regulations, Title 22, Division 9.

Provider Name: Provider's Signature:	Cert #: Provider Agency:
Validator's Name: Validator's Signature:	Date:

PERFORMANCE CRITERIA	MET (Initials)	NOT MET (Initials)	COMMENTS
1. Verbalizes/demonstrates use of appropriate PPE.			
2. States indications and contraindications for synchronized cardioversion/defibrillation: Unstable tachydysrhythmia causing any of the following: hypotension, acutely altered mental status, signs of shock, chest discomfort, and acute Heart Failure. If the patient is pulseless then the patient requires defibrillation (unsynchronized cardioversion).			
3. Recognizes the rhythm on the monitor requiring cardioversion.			
4. Contraindications: Stable tachycardia, normal sinus rhythm, bradycardia, ventricular tachycardia (pulseless)/ventricular fibrillation.			
5. States to consider premedicate/sedate/pain management.			
6. Ensure the patient is attached properly to a monitor/defibrillator capable of synchronized cardioversion. Correctly applies the hands free defibrillation electrodes or conductive medium.			
7. Have all the equipment prepared for unsynchronized cardioversion/defibrillation if the patient fails synchronized cardioversion and the condition worsens.			
8. Turns on defibrillator and attaches monitor leads to the patient.			
9. Synchronizes the patient's rhythm by pushing the "sync" mode button; thereby placing the monitor in synchronized cardioversion mode.			
10. Identifies markers on the R waves indicating sync mode. If needed, adjusts the R wave gain until sync markers occur with each QRS.			
11. Selects the appropriate energy level: A. 0.5 – 1 J/Kg (calculated using a length based pediatric resuscitation tape).			
12. Charges paddles (if using paddles) and places them appropriately on patient.			
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14. Announces "clear," assuring that others and self are clear.			
15. Applies firm pressure on both paddles and presses the discharge button. Holds pressure on the "shock" button until the defibrillator discharges.			