

**Northwest Community Emergency Medical Services System - Continuing Education
July 2015 – Peds 1 – Cardiac Arrest - CE Credit Questions – page 1**

Paramedic Name	Employer	Date
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Resources to use for completion: NWC EMSS SOP's, CE PPT (available on website)

1	What age group defines infants? Children?	
2	What % of calls in the NWC EMSS are pediatric? Out of almost 70,000 EMS calls last year, how many were pediatric cardiac arrest?	
3	Over the past 20 years in which group(s) has survival from cardiac arrest NOT increased? adult in-hospital, adult out-of-hospital, peds in-hospital, peds out-of-hospital	
4	Should peds traumatic arrest management differ from non-traumatic arrest? If yes, how?	
5	Called for 10 month old, choking, conscious but cannot speak or cry. What should be done?	
6	Called for 18 month old, choking, conscious but cannot speak or cry. What should be done?	
7	If either of above choking pts becomes unconscious, what should be done?	
8	List 4 warning signs for impending arrest in the peds pt.	
9	5 yo w/ HR 55, pale w/ mottled extremities despite ventilation w/ O2, should CPR be performed? Why?	
10	Is CPR in peds, ABC or CAB? What should you start first?	
11	What are the 5 components of high quality CPR?	
12	How deep should compressions be performed in an infant/child?	
13	What compression technique should be used when performing 2 person infant CPR?	
14	What are 2 challenges to managing the airway in a child?	
15	How should an OP airway be sized?	
16	Three sizes of BVM's should be on NWCEMSS ambulances, what age group should get the middle sized one?	

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17	When choosing correct size mask to use with a BVM should it, cover eyes? Extend over chin?	
18	How does hyperventilation affect cardiac output? Coronary perfusion? Cerebral blood flow?	
19	What is the peds compression:ventilation ratio for 2 person CPR?	
20	List eleven steps of newborn resuscitation.	
21	Per SOP, should pediatric pts be intubated? Why?	
22	List equipment needed for a needle cric.	
23	List 2 ways ETCO2 can be helpful in cardiac arrest	
24	If an AED does not have peds pad w/ attenuator, can it be used on an infant? Child?	
25	At what weight should “adult” defib paddles be used on a child?	
26	When placing defib pad/paddles in the anterior lateral position on the chest, describe where they should be placed?	
27	If pads/paddles will not fit on a child’s chest in the anterior-lateral position, how should they be placed?	
28	What 2 things can increase the success of defibrillation?	
29	What is the initial & subsequent energy for peds defibrillation?	
30	What is the purpose of the black marks on the IO needle?	
31	What is the minimum pt weight for peds IO?	
32	What is an alternative to insertion of IO using driver? How can that be done?	
32	What is 1 st drug w/ dose given to all pulseless peds arrests after oxygen?	
34	What drug w/ dose should be given to peds pts in pulseless VT or VF?	
35	What should be done after administration to promote drug delivery into central circulation?	

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36	List 11 treatable causes of arrest	
37	What is the IVF bolus for peds pts? How should that be administered?	
38	Why might children in cardiac arrest develop hypoglycemia?	
39	9 yr-old (62 lbs/28kg) What is dose of epi 1:10,000 (mg & mL)? What is the 1st & subsequent defib energy? What is dose of amiodarone (mg & mL)? What is the 10% dextrose dose (dose & mL)? What is the initial IVF bolus amount?	
40	6-mo old (13 lbs/6kg) What is dose of epi 1:10,000 (mg & mL)? What is the 1st & subsequent defib energy? What is dose of amiodarone (mg & mL)? What is the 10% dextrose dose (dose & mL)? What is the initial IVF bolus amount?	
41	2 yr-old (26 lbs/12kg) What is dose of epi 1:10,000 (mg & mL)? What is the 1st & subsequent defib energy? What is dose of amiodarone (mg & mL)? What is the 10% dextrose dose (dose & mL)? What is the initial IVF bolus amount?	
42	Newborn (6.5lbs/3 kg) What is dose of epi 1:10,000 (mg & mL)? What is the 1st & subsequent defib energy? What is dose of amiodarone (mg & mL)? What is the 10% dextrose dose (dose & mL)? What is the initial IVF bolus amount?	

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43	What is included in ROSC treatment?	
44	After ROSC at what rate should non-breathing child be ventilated?	
45	Should pulse oximetry be used during cardiac arrest? Why?	
46	When is pulse ox useful?	
47	What is considered hypotension for a neonate? Infant. child?	
48	Should parents be allowed to watch a child's resuscitation? Why?	
49	Has intact survival been documented after unusually prolonged peds resuscitation?	
50	In peds arrest does length of CPR, # doses of epi, age, witnessed arrest, ECG rhythm predict outcome?	
51	Death notification in peds pts is most likely to occur when there are indications of long term death. What is one thing to remember in this situation?	
52	Should the words "death" or "died" or should other words like "passed on" be used when notifying?	
53	List 1 thing that can be learned from NWC EMSS peds arrest QI data?	
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55	List 1 thing that can be learned from NWC EMSS peds arrest QI data?	
56	List 2 things that were common in the peds arrest saves by AHFD & SFD?	
57	On what page of the SOP's is the peds drug dose chart?	
58	On what page of the SOP's is the peds dextrose dose chart?	
59	On what page of the SOP's is the peds defib energy chart?	
60	What is the most important/useful thing you learned from this CE module?	