

NCH Paramedic Program
Preadmission EMT Validation Exam – F26 – S27 Blueprint

Topics		# items
1	Treatment options for a COPD patient based on presentation	1
2	Indications of pediatric cardiac arrest during episodes of respiratory distress / failure	1
3	Signs and symptoms of respiratory distress	1
4	S&S of a partially obstructed airway	1
5	Manual airway maneuvers	1
6	Achieving sniffing position based on lifespan development	1
7	Treatment for a conscious choking infant	1
8	Sequence the maintenance of the airway for an unresponsive patient	1
9	Methods of clearing oral secretions	1
10	Pediatric responses to prolonged suctioning	1
11	Indications of pediatric cardiac arrest from ventilatory etiology	1
12	Complications of hyperventilation during PPV using an oxygen source	1
13	Complications / contraindications of CPAP	1
14-16	Recognize common adult or pediatric respiratory emergencies based on presentation	3
17	Reasons not to hyperventilate when using PPV	1
18	Conditions when ALS advanced airway is necessary	1
19	Troubleshoot complications when using a nasopharyngeal or oropharyngeal airway	1
20	Sequence treatment of blood loss to minimize anaerobic metabolism	1
21	Assessing pediatric circulation	1
22 – 25	Nitroglycerin indications, side effects, complications	4
26 - 31	Recognition and treatment of ACS	6
32 - 36	Recognition and treatment of heart failure / pulmonary edema	5
37	Shockable cardiac dysrhythmias that an AED recognizes during sudden cardiac arrest	1
38	Causes and indications of commotio cordis	1
39	Immediate EMS actions when cardiac arrest is suspected	1
40	History, signs and symptoms of DKA and HHNS	1
41	Actions taken immediately after delivering an AED shock	1
42	Side effect of Beta 2 agonist medications	1
43-44	Recognize respiratory illness based on scenario / signs and symptoms	2
45	Recognize hypoglycemia during events that are not dispatched for a known diabetic	1
46	Best practice for transporting patients with excited delirium	1
47	Considerations when soft restraints have been applied to a violent patient	1
48	Conditions when a decisional patient should be transported against their will	1
49	Considerations when assessing pediatric patients	1
50 - 54	Assessment and treatment of traumatic head and spine injuries	5
55 - 64	Signs, symptoms and treatment of the categories and specific forms of shock (pediatric & adult)	10
65	Differentiate hypo and hyperglycemia based on patient presentation	1
66-74	Assessing and treating altered mental status / seizures / strokes	9
75	Treatment for an evisceration	1
76	Differentiate an allergic reaction from anaphylaxis	1
77	Recognize common childhood infectious diseases	1
78	Opioid overdose signs, symptoms and treatment	1
79-81	Signs, symptoms and treatment of abdominal emergencies	3
82-85	OB / GYN and childbirth – complications and care / treatment	4
86-87	Signs, symptoms and treatment of environmental emergencies	2
88	Suspicion of significant bleeding based on patient medications	1
89	EMT Treatment for suspected hypovolemic shock	1
90	Sequence care of a patient with ongoing significant external bleeding	1

Topics		# items
91	Considerations for pediatric blunt chest trauma	1
92-95	Recognition and treatment of spinal cord injury – adult and pediatric	4
96	Sequence trauma care for multisystem trauma	1
97	Differentiate life threatening injury based on vital signs	1
98	Factors affecting EMS emergency response	1
99	Factors affecting EMS emergency response to a hazardous materials scene	1
100	Determining MCI patients' severity using START Triage	1
TOTAL Questions		100