

Northwest Community EMS System
Entrance Exam Blueprint – FUNDAMENTALS
2016 SOPs, policies, procedures

Questions	A&P	Assess	Treat	Ongoing assess	Totals
Introduction					5
Levels of acuity		1			
Abandonment			1		
Consent		1			
Refusals			1		
Use of lights - sirens			1		
General patient assessment / Initial Medical Care / Radio Report					10
Sequencing/priorities of primary assessment; life threats		1			
Airway/breathing/gas exchange access			1		
Oxygen delivery / SpO ₂ targets; hyperoxia contraindicated			2		
Vascular access: indications, methods; # of attempts			1		
Secondary assessments: Hx, VS, ROS		1			
Nausea mgt: Ondansetron: action, dose & route options, SE			1		
Pain mgt: Fentanyl indications, contraindications, dose, SE			1		
Ongoing assessment/interventions; pt. disposition				1	
Radio/handover reports: content; usual vs. abbreviated			1		
Withholding or Withdrawing of Resuscitative efforts					3
POLST orders: DNR vs care requested		1	1		
Triple Zero elements; process steps		1			
Elderly					3
IMC/ITC special considerations			1		
Changes in BP, mentation, polypharmacy		1			
Handling and pain mgt			1		
Extremely obese patients					3
IMC/ITC special considerations: positioning, ETI			1		
Primary assessment adjustments: Challenges in airway/gas exchange; vasc access, fluid resuscitation			1		
Secondary assessment, meds, & transport considerations		1			
Airway obstruction					1
Unconsc. adult: manual maneuvers; use of Magill forceps, cric			1		
Drug Assisted Intubation (DAI)					8
Indications/contraindications		1			
DAI premedications			1		
DAI sedatives: etomidate/ ketamine			2		
Process steps: bougie, laryngeal pressure, confirming placement			2		
Needle Cric			1		
Surgical Cric			1		
Allergic Reactions / Anaphylactic Shock					7
Lower acuity/Mild systemic: PO diphenhydramine			1		
EMERGENT: Moderate Systemic: epinephrine, diphenhydramine, or albuterol & ipratropium			2		
Critical /Severe Systemic / Anaphylactic shock: IVF, epinephrine			3		

Questions	A&P	Assess	Treat	Ongoing assess	Totals
Cardiac arrest			1		
Asthma / COPD					6
IMC special considerations			1		
Lower acuity to Emergent: Mild to Moderate distress Rx			1		
Critical (Severe distress): IMC special considerations			1		
Medication options for asthma vs. COPD			3		
Pts w/ TRACHEOSTOMY					2
IMC special considerations		1			
Removing/replacing inner cannula			1		
Childbirth					4
Signs of imminent delivery		1			
Suctioning after head delivery: Meconium present/not present			1		
Assess for/Rx nuchal cord			1		
Shoulder dystocia			1		
Post-partum care					4
Infant: Care immediately after delivery; delayed cord clamping			1		
APGAR scoring		1			
Transport considerations			1		
Placental delivery / maternal hemorrhage Rx			1		
Delivery Complications					3
Breech birth			1		
Prolapsed cord			1		
Uterine inversion			1		
New born resuscitation					5
Perivable birth			1		
First assessments		1			
Airway/oxygenation; SpO2 targets right after birth			1		
Support perfusion: Chest compressions / epinephrine			1		
Assess neonatal hypoglycemia: heel stick; glucose readings		1			
Obstetrical complications					4
Bleeding in pregnancy – 1 st trimester: miscarriage v. ectopic			1		
Pre-eclampsia			1		
Eclampsia			1		
Placenta previa/Abruptio placenta positioning/IVF			1		
Pediatric IMC					12
Suction time limits			1		
Anticipating resp arrest; normal ventilation rates		1			
Conditions requiring rapid cardiopulmonary assessment & support		1			
Indications for peds 12 L ECG		1			
Vascular access and fluid volumes to infuse			1		
Peds GCS		1			
Assessing/ Rx fever		1			
Ondansetron in children			1		
Fentanyl dose in children			1		

Questions	A&P	Assess	Treat	Ongoing assess	Totals
Elements of safe sedation in children			1		
Safe transport of children			1		
Refusals in children: who can refuse, mandatory OLMC contact			1		
CSHN					2
Children with shunts: positioning					
G or J tubes stomach decompression					
Pediatric Airway adjuncts					3
Indication and process step for advanced airway (no atropine)			1		
Sedation prior to peds DAI (ketamine)			1		
If intubated and deteriorates: DOPE mnemonic	1			1	
Peds F/B airway obstruction					1
Unconscious child			1		
Peds General Respiratory/medical					11
SIDS assessment and/or care			1		
Brief resolved unexplained events (Brue)		1			
Peds allergic reactions/anaphylaxis: epi doses;			1		
Peds asthma: ipratropium given with albuterol			1		
Suspect Child Abuse or Neglect			1		
Croup/epiglottitis/RSV epi nebs			1		
Peds bradycardia: epinephrine use			1		
Peds cardiac arrest: Joules for defib			1		
Dextrose 10% dosing			1		
Seizure mgt: generalized tonic clonic (midazolam/Diastat)			1		
Febrile seizure mgt			1		
Peds Trauma					3
Selection of receiving hospital (peds trauma centers)			1		
Abuse/neglect: Rx mandatory reporting obligations/process			2		
Total					100