

Region IX and NCH Paramedic Program
Preadmission Exam – F20 Blueprint

Topics	# items
Preparatory/EMS Systems	
Refusal of service adults/minors	1
Consent: express, implied, informed	1
Intentional torts: abandonment, assault, battery, slander, libel; false imprisonment	1
EMS responsibilities regarding Illinois Advance Directive/POLST form	1
Workplace safety/infection control practices	1
Mandatory reporting obligations	1
Medical terminology	1
Airway assessment/management	
Causes of airway obstruction	1
Manual airway maneuvers	1
Nasopharyngeal/oropharyngeal airways: indications/contraindications, insertion steps (review NWC EMSS Procedure manual – online – www.nwcemss.org)	4
Use of oxygen delivery devices	1
Oropharyngeal suctioning	1
Upper airway obstruction maneuvers – adult and child	2
Patient Assessment	
Factors to note in scene size up	1
Purpose of primary assessment; components to assess and resuscitative interventions	5
Determining priorities based on clinical presentations	1
Abnormal breath sounds: wheezes or crackles (cause, sounds produced, implications)	1
Glasgow Coma Score assessment	2
Secondary assessment components findings to note –Chief complaint; DCAP, BLS, TIC; SAMPLE history	2
Vital signs: Assessment and interpretation of normal vs. abnormal values	1
Technique of how to perform an assessment	2
Medical Emergencies	
Diabetic emergencies: assessment / treatment	4
Angina/AMI: assessment / treatment (including NTG actions, indications, side effects)	4
Heart failure (including use of a CPAP mask)	2
Cardiac arrest management	1
COPD/asthma; pulmonary system anatomy; use of metered dose inhalers/SE of medications	4
GI emergencies	1
Behavioral emergencies; use of restraints; approach to these patients	4
Shock	2
Seizures	1
Alcohol intoxication; drug overdoses/treatment	1
Pediatric emergencies	
Assessing vital signs in children	1
Croup/epiglottitis: assessment/treatment	2
Cardiac arrest in children: causes, management	3
Causes of shock in infants/small children	1
SIDS; EMS interventions (See NWC EMSS SOPs)	1
Toxic ingestions in children: EMS interventions	1
Child abuse reporting obligations	1
Trauma	
Head and facial trauma	2

Topics	# items
Chest trauma	1
Abdominal trauma	1
Musculoskeletal trauma; amputations	6
Spine trauma; splinting	1
Eye trauma	1
Burns; estimating depth; calculating extent using Rule of 9s	2
Environmental emergencies	
Allergic reactions/anaphylactic shock; pathophysiology, clinical S&S; use of epinephrine 1 mg/1mL IM	3
Heat emergencies: Cause, mechanisms of gaining and losing heat; clinical S&S; treatment	3
Submersion incidents (See NWC EMSS SOP)	1
Hypothermia and frostbite	2
OB Emergencies	
S&S imminent delivery and EMS actions	1
Steps in an out of hospital delivery; head first (vertex) and breach	3
Pre-eclampsia: S&S, treatment	2
Newborn assessment/APGAR scoring	1
Newborn resuscitation	1
Bleeding complications of the 3 rd trimester	1
Ambulance operations	
Multiple patient incidents: EMS roles; triage and tagging patients	2
TOTALS	150