

Additional Illinois Scope of Practice Standards exceeding the National Emergency Medical Services Education Standards

These additional areas of education are required to be provided by all educational programs approved within the State of Illinois and will be added to the core knowledge tested by the State of Illinois EMS Licensure Exams

	EMR	EMT	AEMT	Paramedic
		EMR Material plus:	EMT Material plus:	AEMT Material plus:
Monitoring	<ul style="list-style-type: none"> • Pulse Oximeter • Blood glucose monitoring 	<ul style="list-style-type: none"> • Capnography Monitoring 	<ul style="list-style-type: none"> • ECG monitoring • Blood chemistry analysis (point of care testing) 	
Psychomotor Skill	<ul style="list-style-type: none"> • Administration of nebulized albuterol • Pulse Oximeter • Blood glucose monitoring • Assisted administration of a patient's epinephrine autoinjector • Administration of an epinephrine autoinjector • Use of Backboard • Cervical Collar immobilization • Insertion of airways not intended for insertion into the 	<ul style="list-style-type: none"> • Administration of Oral/ODT Ondansetron • Capnography Monitoring • Administration of nebulized beta-2 agonist bronchodilator • Administration of nebulized Ipratropium Bromide as adjunctive therapy to Beta 2 agonist (Duoneb) • Administration of intramuscular Glucagon, Naloxone 	<ul style="list-style-type: none"> • ECG monitoring with 3-5 lead rhythm interpretation • Blood chemistry analysis (point of care) testing • Eye irrigation with Morgan lens • Assess jugular venous distention and pulsations • Magill forceps for airway obstruction removal • Intubate the trachea by direct orotracheal intubation • Secure an endotracheal tube 	<ul style="list-style-type: none"> • Initiate therapeutic hypothermia protocol • Rapid sequence intubation with paralytic agents • Surgical cricothyrotomy • Administer vaccinations in an approved vaccination program

<p>Psychomotor Skill</p>	<p>trachea (BIAD)</p> <ul style="list-style-type: none"> • Tourniquet application 	<p>and Epinephrine</p> <ul style="list-style-type: none"> • Obtaining Epinephrine dosage from a multi-dose vial • 12-lead ECG acquisition and submission of ECG data to medical control • Tracheal-bronchial suctioning of an already intubated patient • Application of BiPAP, CPAP, PEEP • Monitoring OG/NG tube already inserted • Use of Hemostatic agents 	<ul style="list-style-type: none"> • Endotracheal intubation of children and infants and management of complications • Assess and confirm correct placement of an endotracheal tube • Secure endotracheal tube and extubate • Stoma suctioning • Tracheostomy tube replacement through a stoma • Sellick maneuver (cricoid pressure) • Techniques for obtaining a blood sample • Needle decompression for thoracic injury • Operation of a manual defibrillator • Set up and apply a transcutaneous pacing system • Advanced burn care skills • Stabilization of a helmet and helmet removal of a potentially spine 	
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<p>Psychomotor Skill</p>			<p>injured patient</p> <ul style="list-style-type: none"> • Preparation and administration of oral, intranasal, intramuscular, subcutaneous, rectal, endotracheal, IV and IO medications for adults, children and infants • Establish and maintain IO infusion in adults (pediatrics already in scope of practice) 	
<p>Pharmacology</p> <p>Principles of Pharmacology</p> <p>Emergency Medications</p> <p><i>Administration Preparation, indications, contraindications, all routes, dosing,</i></p>	<ul style="list-style-type: none"> • Albuterol Sulfate (nebulized) • Oral glucose/glucose paste • Assisted administration of an epinephrine autoinjector • Epinephrine autoinjector • Intranasal Naloxone • ASA for chest pain 	<ul style="list-style-type: none"> • Oral/ODT Ondansetron • Intranasal Glucagon • Intramuscular Glucagon • Intramuscular Naloxone • Intramuscular Epinephrine for anaphylaxis or acute respiratory distress due to asthma • SL nitroglycerin • Oral Diphenhydramine • Beta 2 agonist 	<ul style="list-style-type: none"> • Adenosine • Amiodarone • Atropine Sulfate • Benzodiazepines • Diphenhydramine • Morphine Sulfate • Lidocaine Hcl 2% • Ondanestron • Vasopressin • Fentanyl • Furosemide • Ketorolac • Promethazone • Adjunctive therapy to Beta 2 agonists: <ul style="list-style-type: none"> -Ipratropium -Isoetharine 	<ul style="list-style-type: none"> • Paralytic agents and medications used in rapid sequence intubation • Vaccinations • Antibiotics • Steroids • Fluids with KCl added • Levophed • Nitroglycerin • Heparin

<p><i>action, interactions, safety precautions, side effects all age groups</i></p>		<p>(nebulized)</p> <ul style="list-style-type: none"> • Ipratropium Bromide (nebulized) • Mark 1 kit or Duo Dote autoinjector for a patient 	<ul style="list-style-type: none"> -Metaproterenol -Salmeterol -Terbutaline -Triamcinolone <ul style="list-style-type: none"> • Adjunctive medication to bronchodilator therapy: <ul style="list-style-type: none"> -Dexamethasone - Methylprednisolone 	
<p>Airway Management</p> <p>Artificial Ventilation</p> <p>Respiration</p>	<ul style="list-style-type: none"> • Airways not intended for insertion into the trachea (BIAD) • Pulse Oximetry 	<ul style="list-style-type: none"> • Tracheal-bronchial suctioning of an already intubated patient • BiPAP, CPAP, PEEP • Capnography Monitoring 	<ul style="list-style-type: none"> • Magill forceps • Direct orotracheal intubation • Endotracheal tube management including complications and extubation • Stoma suctioning • Tracheostomy tube replacement through a stoma • Sellick maneuver (cricoid pressure) 	<ul style="list-style-type: none"> • Rapid sequence intubation with paralytic agents • Surgical cricothyrotomy
	<ul style="list-style-type: none"> • Backboard • Cervical Collar immobilization • Airways not intended for 	<ul style="list-style-type: none"> • OG/NG tube already inserted 	<ul style="list-style-type: none"> • Eye irrigation with Morgan lens • Jugular venous distention and pulsations 	<ul style="list-style-type: none"> • Rapid sequence intubation • Surgical cricothyrotomy • Vaccinations

