

## 9. Appendix B: Skill Comparison

### (Blank Checklist for State EMS Office Use)

The following checklist provides a blank column to assist states establish their own “gap analysis.” Additional rows are added for state-preferred skills that may exceed the National EMS Scope of Practice Model.

Skill - Airway/Ventilation/ Oxygenation	EMR	State SOP	EMT	State SOP	AEMT	State SOP	Paramedic	State SOP
Airway - esophageal					X		X	
Airway – supraglottic					X		X	
Airway – nasal			X		X		X	
Airway – oral	X		X		X		X	
Bag-valve-mask (BVM)	X		X		X		X	
BiPAP/CPAP							X	
Chest decompression - needle							X	
Chest tube placement – assist only							X	
Chest tube – monitoring and management							X	
Cricoid pressure (Sellick's Maneuver)	X		X		X		X	
Cricothyrotomy – needle							X	
Cricothyrotomy – percutaneous							X	
Demand valve – manually triggered ventilation			X		X		X	
End tidal CO <sub>2</sub> monitoring/capnography							X	
Gastric decompression – NG Tube							X	
Gastric decompression – OG Tube							X	
Head tilt - chin lift	X		X		X		X	
Intubation – nasotracheal							X	
Intubation - orotracheal							X	
Jaw-thrust	X		X		X		X	
Jaw-thrust - Modified (trauma)	X		X		X		X	
Mouth-to-barrier	X		X		X		X	
Mouth-to-mask	X		X		X		X	
Mouth-to-mouth	X		X		X		X	
Mouth-to-nose	X		X		X		X	
Mouth-to-stoma	X		X		X		X	
Obstruction – direct laryngoscopy							X	
Obstruction – Manual	X		X		X		X	
Oxygen therapy – Humidifiers			X		X		X	
Oxygen therapy – Nasal cannula	X		X		X		X	
Oxygen therapy – Non-rebreather mask	X		X		X		X	
Oxygen therapy – partial rebreather mask			X		X		X	
Oxygen therapy – simple face mask			X		X		X	
Oxygen therapy – Venturi mask			X		X		X	
PEEP – therapeutic							X	
Pulse oximetry			X		X		X	
Suctioning – Upper airway	X		X		X		X	
Suctioning – tracheobronchial					AI		X	

Skill - Airway/Ventilation/ Oxygenation	EMR	State SOP	EMT	State SOP	AEMT	State SOP	Paramedic	State SOP
Ventilator – Automated transport (ATV)			X		X		X	
Skill- Cardiovascular/Circulation	EMR	State SOP	EMT	State SOP	AEMT	State SOP	Paramedic	State SOP
Cardiac monitoring – multi-lead (interpretive)							X	
Cardiac monitoring – single lead (interpretive)							X	
Cardiopulmonary resuscitation (CPR)	X		X		X		X	
Cardioversion – electrical							X	
Carotid massage							X	
Defibrillation – automated / semi-automated	X		X		X		X	
Hemorrhage control – direct pressure	X		X		X		X	
Hemorrhage control – tourniquet	X		X		X		X	
Internal; cardiac pacing – monitoring only							X	
MAST/PASG			X		X		X	
Mechanical CPR device			A		A		A	
Transcutaneous pacing - manual							X	
Skill-Immobilization	EMR	State SOP	EMT	State SOP	AEMT	State SOP	Paramedic	State SOP
Spinal immobilization – cervical collar			X		X		X	
Spinal immobilization – long board			X		X		X	
Spinal immobilization – manual	X		X		X		X	
Spinal immobilization – seated patient (KED, etc)			X		X		X	
Spinal immobilization – rapid manual extrication			X		X		X	
Extremity stabilization - manual	X		X		X		X	
Extremity splinting			X		X		X	
Splint – traction			X		X		X	
Mechanical patient restraint			X		X		X	
Emergency moves for endangered patients	X		X		X		X	
Skill-Medication Administration - Routes	EMR	State SOP	EMT	State SOP	AEMT	State SOP	Paramedic	State SOP
Assisting a patient with his/her own prescribed medications (aerosolized/nebulized)			X		X		X	
Aerosolized/nebulized (beta agonist)					X		X	
Buccal					L		X	
Endotracheal tube							X	

<b>Skill-Medication Administration - Routes</b>	<b>EMR</b>	<b>State SOP</b>	<b>EMT</b>	<b>State SOP</b>	<b>AEMT</b>	<b>State SOP</b>	<b>Paramedic</b>	<b>State SOP</b>
Inhaled – self-administered (nitrous oxide)					X		X	
Intramuscular (epinephrine or glucagon)					X		X	
Intranasal (naloxone)					X		X	
Intravenous push (naloxone, dextrose 50%)					L		X	
Intravenous piggyback							X	
Nasogastric							X	
Oral (glucose)			X		X		X	
Oral (aspirin)			X		X		X	
Rectal							X	
Subcutaneous (epinephrine)					L		X	
Sublingual (nitroglycerin)			X		L		X	
Auto-injector (self or peer care)	X		X		X		X	
Auto-injector (patient's own prescribed meds)			X		X		X	
<b>Skill - -- IV Initiation/Maintenance Fluids</b>	<b>EMR</b>	<b>State SOP</b>	<b>EMT</b>	<b>State SOP</b>	<b>AEMT</b>	<b>State SOP</b>	<b>Paramedic</b>	<b>State SOP</b>
Access indwelling catheters and implanted central IV ports							X	
Central line – monitoring							X	
Intraosseous – initiation					Ped		X	
Intravenous access					X		X	
Intravenous initiation - peripheral					X		X	
Intravenous – maintenance of non-medicated IV fluids					X		X	
Intravenous – maintenance of medicated IV fluids							X	
<b>Skill - Miscellaneous</b>	<b>EMR</b>	<b>State SOP</b>	<b>EMT</b>	<b>State SOP</b>	<b>AEMT</b>	<b>State SOP</b>	<b>Paramedic</b>	<b>State SOP</b>
Assisted delivery (childbirth)	X		X		X		X	
Assisted complicated delivery (childbirth)			X		X		X	
Blood glucose monitoring					X		X	
Blood pressure automated			X		X		X	
Blood pressure – manual	X		X		X		X	
Eye irrigation	X		X		X		X	
Eye irrigation – Morgan® lens							X	
Thrombolytic therapy – initiation							X	
Thrombolytic therapy – monitoring							X	
Urinary catheterization								
Venous blood sampling							X	
Blood chemistry analysis							X	

Legend of abbreviations for blank checklist

<b>A</b>	<b>Requires additional specialty training</b>
<b>AI</b>	<b>Already Intubated</b>
<b>L</b>	<b>Limited</b>
<b>Ped</b>	<b>Pediatric Only</b>