

Advanced EMT Statewide Intubation Standards

Topic	Requirements	Available Options
Patient Selection		
Adult / Peds over 12 only	Unconscious w/ineffective respiration	
	Cardiac arrest	
	Apnea or agonal respirations	
Equipment		
Laryngoscope blades	adult	Macintosh
	at least 3 sizes of 2 different blade types	Miller
		other blade types permissible
Continuous Pulse Oximetry	before, during & after intubation	
Rescue device	must have at least one available	LMA
		Combitube
		King LT
		bougie/flexguide
Tube placement	must have at least one available	ETCO2, qualitative
		esophageal detector device (EDD)
Selection of tube size	based on patient age or size of 5th finger	
Suction device	per minimum EMS Bureau equipment list	
Bag Valve Mask	per minimum EMS Bureau equipment list	
Oxygen	per minimum EMS Bureau equipment list	
Intubation Attempts		
Preoxygenation	100% by BVM prior to any attempts	
	duration: each attempt should be no more than 30 seconds. If unsuccessful should oxygenate before subsequent attempts.	
Provider limited to 3 attempts		
Patient limited to 5 attempts	multiple attempts should not delay transport	
NAEMSP definition of attempt: insertion of laryngoscope blade into mouth		
Confirmation of Tube Placement		
Confirmation of Tube Placement	Utilize multiple methods	Breath sounds
		Epigastric sounds
		ETCO2
		EDD
		chest rise
		tube misting
		Patient response
PCR Documentation		
See 'EMSPC Intubation PCR Documentation List' for required data elements.		

Required Elements for Performance Assessment and Improvement

Monitoring		
100% chart review		
Intubation success rate	agency	
	provider	
1st attempt success rate	agency	
	provider	
Rescue airway device utilization		
Complications (agency vs provider)		
	R mainstem (unrecognized)	
	esophageal intubation (unrecognized)	
	airway/dental trauma	
	hypoxia during intubation	
	bradycardia during intubation	
	inappropriate tube size	
	inappropriate tube depth	
Training		
1. Minimum annual demonstration of intubation proficiency		
2. Minimum annual review of intubation to include cognitive and psychomotor components with an emphasis on team coordination.		
Remediation		
Remediation at the discretion of the local EMS medical director		