



2021-2022

Technical Skills Assessment Emergency Medical Technician

Results by Standard

Legend (%)		
0-50%	51-75%	76-100%

Assessment: Emergency Medical Technician Number tested: 289	% Correct 20-21	% Correct 21-22
CONTENT STANDARD 1.0: PREPARATORY	83.33%	85.38%
Performance Standard 1.1: Emergency Medical Services (EMS) Systems	81.17%	86.71%
1.1.4 Understand and demonstrate patient safety during high-risk activities, how errors happen, and how to prevent errors.	81.17%	86.71%
Performance Standard 1.3: Workforce Safety and Wellness	84.74%	85.22%
1.3.1 Define, describe, and demonstrate standard safety precautions.	72.22%	68.04%
1.3.2 Define, describe, and demonstrate Personal Protective Equipment (PPE).	93.83%	94.30%
1.3.3 Define and describe stress management relating to types of stress reactions and dealing with death and dying.	89.81%	91.46%
1.3.4 Define, describe, and demonstrate prevention of response or work related injuries.	82.10%	88.29%
1.3.6 Understand and describe diseases caused by each of the different types of pathogens and the methods of transmission.	79.94%	77.85%
1.3.7 Understand and describe physical, mental, and emotional wellness principles.	95.37%	98.73%
Performance Standard 1.7: Medical/Legal and Ethics	82.48%	84.65%
1.7.3 Understand, describe, and demonstrate knowledge of advanced directives.	94.14%	96.84%
1.7.4 Understand and describe tort and criminal actions.	92.28%	93.35%
1.7.7 Understand and describe mandatory reportings.	77.47%	81.96%
1.7.8 Understand and describe ethical principles and moral obligations.	66.05%	66.46%
CONTENT STANDARD 4.0: PATHOPHYSIOLOGY	63.84%	66.02%
Performance Standard 4.2: Patency of the Airway	64.58%	67.33%
4.2.1 Understand, describe, and demonstrate anatomical considerations of a patent airway.	59.72%	63.29%
4.2.2 Understand, describe, and identify airway obstructions.	69.44%	71.36%
Performance Standard 4.3: Respiratory Compromise	71.06%	72.23%
4.3.1 Understand and describe impaired airway, respiration, or ventilation.	87.35%	88.13%
4.3.2 Understand and describe changes in structure or function.	54.78%	56.33%

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Performance Standard 4.6: Perfusion and Shock	57.47%	60.00%
4.6.2 Understand and describe the role of carbon dioxide.	49.69%	48.58%
4.6.5 Understand and describe cell hypoxia related to oxygen transport disturbance.	52.78%	57.59%
4.6.7 Understand and describe blood volume.	82.41%	87.66%
CONTENT STANDARD 7.0: PHARMACOLOGY	66.46%	74.16%
Performance Standard 7.3: Emergency Medications	66.46%	74.16%
7.3.1 Understand, describe, and demonstrate proper administration of specific medications used in an emergency.	66.46%	74.16%
CONTENT STANDARD 8.0: AIRWAY MANAGEMENT, RESPIRATION, AND ARTIFICIAL VENTILATION	76.57%	77.22%
Performance Standard 8.1: Airway Management	84.88%	86.39%
8.1.2 Understand, describe, and demonstrate airway assessment.	89.51%	94.62%
8.1.3 Understand, describe, and demonstrate techniques of assuring a patent airway.	75.62%	69.94%
Performance Standard 8.2: Respiration	82.87%	84.57%
8.2.4 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation.	83.95%	87.34%
8.2.6 Understand, describe, and demonstrate when and how to use appropriate supplemental oxygen therapy.	81.79%	81.80%
Performance Standard 8.3: Artificial Ventilation	66.54%	65.82%
8.3.1 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation.	77.88%	78.69%
8.3.3 Understand, describe, and demonstrate ventilation of an apneic patient.	52.78%	54.75%
8.3.6 Consider age-related variations in pediatric and geriatric patients with regard to artificial ventilation.	46.30%	38.29%
CONTENT STANDARD 9.0: PATIENT ASSESSMENT	77.96%	81.77%
Performance Standard 9.2: Primary Assessment	77.96%	81.77%
9.2.1 Understand, describe, and demonstrate the main purpose of the primary assessment.	81.17%	82.59%
9.2.3 Understand and describe immediate life threats.	73.30%	75.16%
9.2.4 Describe and demonstrate interventions necessary to preserve life.	81.02%	87.97%
CONTENT STANDARD 10.0: MEDICINE	76.93%	82.59%
Performance Standard 10.5: Infectious Disease	96.91%	99.05%
10.5.3 Understand, describe, and demonstrate knowledge of body substance isolation (BSI), PPE, and cleaning and disposing of equipment and supplies.	96.91%	99.05%
Performance Standard 10.8: Cardiovascular	79.01%	86.71%
10.8.6 Understand, describe, and demonstrate knowledge of specific cardiovascular emergencies.	79.01%	86.71%
Performance Standard 10.10: Respiratory	65.90%	72.31%

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10.10.3 Understand, describe, and demonstrate assessment findings, symptoms, and management for respiratory conditions.	65.90%	72.31%
CONTENT STANDARD 11.0: SHOCK AND RESUSCITATION	64.52%	67.29%
Performance Standard 11.1: Ethical Issues in Resuscitation	67.59%	66.46%
11.1.1 Understand, describe, and demonstrate knowledge of withholding resuscitation attempts.	67.59%	66.46%
Performance Standard 11.3: Respiratory Failure	57.72%	62.76%
11.3.2 Understand, describe, and demonstrate assessment of respiratory failure.	53.86%	57.75%
11.3.3 Understand, describe, and demonstrate treatment for respiratory failure.	65.43%	72.78%
Performance Standard 11.4: Respiratory Arrest	58.49%	64.56%
11.4.1 Understand, describe, and demonstrate assessment of respiratory arrest.	47.53%	56.96%
11.4.2 Understand, describe, and demonstrate knowledge of treatment of respiratory arrest.	69.44%	72.15%
Performance Standard 11.5: Cardiac Arrest	57.30%	62.03%
11.5.2 Understand, describe, and demonstrate knowledge of the general reasons for the heart to stop beating.	29.01%	41.77%
11.5.3 Understand, describe, and demonstrate Cardio-Pulmonary resuscitation (Current ECC Guidelines).	71.45%	72.15%
Performance Standard 11.6: Resuscitation	67.28%	68.30%
11.6.1 Understand, describe, and demonstrate knowledge of system components to maximize survival.	58.33%	57.91%
11.6.2 Understand, describe, and demonstrate basic cardiac life support.	74.54%	74.53%
11.6.3 Understand, describe, and demonstrate airway control and ventilation.	72.22%	77.22%
11.6.4 Understand, describe, and demonstrate chest compressions.	65.74%	67.72%
Performance Standard 11.7: Automated External Defibrillation (AED)	66.67%	64.77%
11.7.1 Understand, describe, and demonstrate adult AED use.	61.11%	58.23%
11.7.2 Understand, describe, and demonstrate child AED use.	77.78%	77.85%
Performance Standard 11.8: Shock (Poor Diffusion)	68.52%	72.60%
11.8.1 Understand, describe, and demonstrate knowledge of shock.	70.06%	75.32%
11.8.4 Understand, describe, and demonstrate knowledge of the categories of shock.	65.12%	68.35%
11.8.8 Understand, describe, and demonstrate knowledge of shock due to container failure.	61.88%	65.82%
11.8.9 Understand, describe, and demonstrate patient assessment and management with regard to shock.	85.49%	89.24%
CONTENT STANDARD 12.0: TRAUMA	66.32%	68.55%
Performance Standard 12.1: Trauma Overview	60.80%	60.60%
12.1.3 Understand, describe, and demonstrate assessment and management of the trauma patient.	60.80%	60.60%
Performance Standard 12.2: Bleeding	87.81%	89.08%
12.2.2 Understand, describe, and demonstrate general assessment and management with regard to bleeding.	87.81%	89.08%
Performance Standard 12.3: Chest Trauma	66.20%	65.51%

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12.3.7 Understand, describe, and demonstrate general management for chest trauma.	71.91%	76.58%
12.3.8 Understand, describe, and demonstrate knowledge of blunt trauma or closed chest injury.	60.49%	54.43%
Performance Standard 12.7: Head, Facial, Neck, and Spine Trauma	50.46%	59.02%
trauma.	66.67%	71.20%
12.7.4 Understand, describe, and demonstrate knowledge of specific injuries to the head, face, neck, and spine.	34.26%	46.84%
CONTENT STANDARD 15.0: CLINICAL BEHAVIORS/JUDGEMENT	68.81%	72.17%
Performance Standard 15.1: Assessment	64.81%	62.66%
15.1.1 Demonstrate a simple assessment to identify life threats.	64.81%	62.66%
Performance Standard 15.3: Psychomotor Skills	72.01%	76.77%
15.3.2 Insert oropharyngeal airway.	91.05%	94.94%
15.3.3 Insert nasopharyngeal airway.	73.15%	82.28%
15.3.6 Demonstrate suction of the upper airway.	75.62%	72.78%
15.3.7 Demonstrate appropriate supplemental oxygen therapy.	43.52%	57.91%
15.3.16 Demonstrate assistance of a normal and complicated delivery.	37.96%	44.30%
15.3.18 Demonstrate manual stabilization and spinal immobilization.	77.88%	83.86%
15.3.19 Demonstrate bleeding control.	82.56%	81.96%
Performance Standard 15.8: Scene Leadership	51.54%	56.65%
15.8.2 Describe team member roles on an emergency call with more experienced personnel in a lead role.	51.54%	56.65%
Performance Standard 15.9: Scene Safety	70.06%	79.75%
15.9.1 Ensure the safety of the rescuer and others during an emergency.	70.06%	79.75%