



# 2022-2023

## Technical Skills Assessment Emergency Medical Technician

### Results by Standard

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

Assessment: Emergency Medical Technician	% Correct	% Correct	% Correct
Number tested: 373	20-21	21-22	22-23
<b>CONTENT STANDARD 1.0: PREPARATORY</b>	83.33%	85.38%	84.12%
<b>Performance Standard 1.1: Emergency Medical Services (EMS) Systems</b>	81.17%	86.71%	86.38%
1.1.4 Understand and demonstrate patient safety during high-risk activities, how errors happen, and how to prevent errors.	81.17%	86.71%	86.38%
<b>Performance Standard 1.3: Workforce Safety and Wellness</b>	84.74%	85.22%	83.51%
1.3.1 Define, describe, and demonstrate standard safety precautions.	72.22%	68.04%	67.22%
1.3.2 Define, describe, and demonstrate Personal Protective Equipment (PPE).	93.83%	94.30%	93.82%
1.3.3 Define and describe stress management relating to types of stress reactions and dealing with death and dying.	89.81%	91.46%	86.70%
1.3.4 Define, describe, and demonstrate prevention of response or work related injuries.	82.10%	88.29%	86.94%
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%	76.96%
1.3.7 Understand and describe physical, mental, and emotional wellness principles.	95.37%	98.73%	95.96%
<b>Performance Standard 1.7: Medical/Legal and Ethics</b>	82.48%	84.65%	83.49%
1.7.3 Understand, describe, and demonstrate knowledge of advanced directives.	94.14%	96.84%	96.20%
1.7.4 Understand and describe tort and criminal actions.	92.28%	93.35%	92.40%
1.7.7 Understand and describe mandatory reportings.	77.47%	81.96%	85.51%
1.7.8 Understand and describe ethical principles and moral obligations.	66.05%	66.46%	59.86%
<b>CONTENT STANDARD 4.0: PATHOPHYSIOLOGY</b>	63.84%	66.02%	64.08%
<b>Performance Standard 4.2: Patency of the Airway</b>	64.58%	67.33%	66.33%
4.2.1 Understand, describe, and demonstrate anatomical considerations of a patent airway.	59.72%	63.29%	61.05%
4.2.2 Understand, describe, and identify airway obstructions.	69.44%	71.36%	71.62%
<b>Performance Standard 4.3: Respiratory Compromise</b>	71.06%	72.23%	70.31%
4.3.1 Understand and describe impaired airway, respiration, or ventilation.	87.35%	88.13%	86.22%

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4.3.2 Understand and describe changes in structure or function.	54.78%	56.33%	54.39%
<b>Performance Standard 4.6: Perfusion and Shock</b>	57.47%	60.00%	57.29%
4.6.2 Understand and describe the role of carbon dioxide.	49.69%	48.58%	52.38%
4.6.5 Understand and describe cell hypoxia related to oxygen transport disturbance.	52.78%	57.59%	48.81%
4.6.7 Understand and describe blood volume.	82.41%	87.66%	84.09%
<b>CONTENT STANDARD 7.0: PHARMACOLOGY</b>	66.46%	74.16%	71.97%
<b>Performance Standard 7.3: Emergency Medications</b>	66.46%	74.16%	71.97%
7.3.1 Understand, describe, and demonstrate proper administration of specific medications used in an emergency.	66.46%	74.16%	71.97%
<b>CONTENT STANDARD 8.0: AIRWAY MANAGEMENT, RESPIRATION, AND ARTIFICIAL VENTILATION</b>	76.57%	77.22%	75.77%
<b>Performance Standard 8.1: Airway Management</b>	84.88%	86.39%	84.56%
8.1.2 Understand, describe, and demonstrate airway assessment.	89.51%	94.62%	90.38%
8.1.3 Understand, describe, and demonstrate techniques of assuring a patent airway.	75.62%	69.94%	72.92%
<b>Performance Standard 8.2: Respiration</b>	82.87%	84.57%	83.61%
8.2.4 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation.	83.95%	87.34%	86.22%
8.2.6 Understand, describe, and demonstrate when and how to use appropriate supplemental oxygen therapy.	81.79%	81.80%	81.00%
<b>Performance Standard 8.3: Artificial Ventilation</b>	66.54%	65.82%	64.23%
8.3.1 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation.	77.88%	78.69%	77.43%
8.3.3 Understand, describe, and demonstrate ventilation of an apneic patient.	52.78%	54.75%	46.79%
8.3.6 Consider age-related variations in pediatric and geriatric patients with regard to artificial ventilation.	46.30%	38.29%	42.04%
<b>CONTENT STANDARD 9.0: PATIENT ASSESSMENT</b>	77.96%	81.77%	80.81%
<b>Performance Standard 9.2: Primary Assessment</b>	77.96%	81.77%	80.81%
9.2.1 Understand, describe, and demonstrate the main purpose of the primary assessment.	81.17%	82.59%	79.81%
9.2.3 Understand and describe immediate life threats.	73.30%	75.16%	77.67%
9.2.4 Describe and demonstrate interventions necessary to preserve life.	81.02%	87.97%	84.44%
<b>CONTENT STANDARD 10.0: MEDICINE</b>	76.93%	82.59%	81.24%
<b>Performance Standard 10.5: Infectious Disease</b>	96.91%	99.05%	98.10%
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%	98.10%
<b>Performance Standard 10.8: Cardiovascular</b>	79.01%	86.71%	85.51%
10.8.6 Understand, describe, and demonstrate knowledge of specific cardiovascular emergencies.	79.01%	86.71%	85.51%

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<b>Performance Standard 10.10: Respiratory</b>	65.90%	72.31%	70.67%
10.10.3 Understand, describe, and demonstrate assessment findings, symptoms, and management for respiratory conditions.	65.90%	72.31%	70.67%
<b>CONTENT STANDARD 11.0: SHOCK AND RESUSCITATION</b>	64.52%	67.29%	68.42%
<b>Performance Standard 11.1: Ethical Issues in Resuscitation</b>	67.59%	66.46%	69.83%
11.1.1 Understand, describe, and demonstrate knowledge of withholding resuscitation attempts.	67.59%	66.46%	69.83%
<b>Performance Standard 11.3: Respiratory Failure</b>	57.72%	62.76%	59.94%
11.3.2 Understand, describe, and demonstrate assessment of respiratory failure.	53.86%	57.75%	52.26%
11.3.3 Understand, describe, and demonstrate treatment for respiratory failure.	65.43%	72.78%	75.30%
<b>Performance Standard 11.4: Respiratory Arrest</b>	58.49%	64.56%	62.11%
11.4.1 Understand, describe, and demonstrate assessment of respiratory arrest.	47.53%	56.96%	54.87%
11.4.2 Understand, describe, and demonstrate knowledge of treatment of respiratory arrest.	69.44%	72.15%	69.36%
<b>Performance Standard 11.5: Cardiac Arrest</b>	57.30%	62.03%	65.95%
11.5.2 Understand, describe, and demonstrate knowledge of the general reasons for the heart to stop beating.	29.01%	41.77%	49.17%
11.5.3 Understand, describe, and demonstrate Cardio-Pulmonary resuscitation (Current ECC Guidelines).	71.45%	72.15%	74.35%
<b>Performance Standard 11.6: Resuscitation</b>	67.28%	68.30%	72.53%
11.6.1 Understand, describe, and demonstrate knowledge of system components to maximize survival.	58.33%	57.91%	57.72%
11.6.2 Understand, describe, and demonstrate basic cardiac life support.	74.54%	74.53%	81.71%
11.6.3 Understand, describe, and demonstrate airway control and ventilation.	72.22%	77.22%	80.29%
11.6.4 Understand, describe, and demonstrate chest compressions.	65.74%	67.72%	76.01%
<b>Performance Standard 11.7: Automated External Defibrillation (AED)</b>	66.67%	64.77%	64.92%
11.7.1 Understand, describe, and demonstrate adult AED use.	61.11%	58.23%	58.55%
11.7.2 Understand, describe, and demonstrate child AED use.	77.78%	77.85%	77.67%
<b>Performance Standard 11.8: Shock (Poor Diffusion)</b>	68.52%	72.60%	72.68%
11.8.1 Understand, describe, and demonstrate knowledge of shock.	70.06%	75.32%	75.18%
11.8.4 Understand, describe, and demonstrate knowledge of the categories of shock.	65.12%	68.35%	73.28%
11.8.8 Understand, describe, and demonstrate knowledge of shock due to container failure.	61.88%	65.82%	64.96%
11.8.9 Understand, describe, and demonstrate patient assessment and management with regard to shock.	85.49%	89.24%	81.95%
<b>CONTENT STANDARD 12.0: TRAUMA</b>	66.32%	68.55%	68.62%
<b>Performance Standard 12.1: Trauma Overview</b>	60.80%	60.60%	62.95%
12.1.3 Understand, describe, and demonstrate assessment and management of the trauma patient.	60.80%	60.60%	62.95%
<b>Performance Standard 12.2: Bleeding</b>	87.81%	89.08%	88.12%

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12.2.2 Understand, describe, and demonstrate general assessment and management with regard to bleeding.	87.81%	89.08%	88.12%
<b>Performance Standard 12.3: Chest Trauma</b>	66.20%	65.51%	63.42%
12.3.7 Understand, describe, and demonstrate general management for chest trauma.	71.91%	76.58%	74.82%
12.3.8 Understand, describe, and demonstrate knowledge of blunt trauma or closed chest injury.	60.49%	54.43%	52.02%
<b>Performance Standard 12.7: Head, Facial, Neck, and Spine Trauma</b>	50.46%	59.02%	59.98%
12.7.3 Understand, describe, and demonstrate general patient assessment with regard to head, facial, neck, and spine trauma.	66.67%	71.20%	76.25%
12.7.4 Understand, describe, and demonstrate knowledge of specific injuries to the head, face, neck, and spine.	34.26%	46.84%	43.71%
<b>CONTENT STANDARD 15.0: CLINICAL BEHAVIORS/JUDGEMENT</b>	68.81%	72.17%	70.95%
<b>Performance Standard 15.1: Assessment</b>	64.81%	62.66%	63.42%
15.1.1 Demonstrate a simple assessment to identify life threats.	64.81%	62.66%	63.42%
<b>Performance Standard 15.3: Psychomotor Skills</b>	72.01%	76.77%	74.18%
15.3.2 Insert oropharyngeal airway.	91.05%	94.94%	91.92%
15.3.3 Insert nasopharyngeal airway.	73.15%	82.28%	71.97%
15.3.6 Demonstrate suction of the upper airway.	75.62%	72.78%	76.48%
15.3.7 Demonstrate appropriate supplemental oxygen therapy.	43.52%	57.91%	53.92%
15.3.16 Demonstrate assistance of a normal and complicated delivery.	37.96%	44.30%	43.47%
15.3.18 Demonstrate manual stabilization and spinal immobilization.	77.88%	83.86%	79.57%
15.3.19 Demonstrate bleeding control.	82.56%	81.96%	82.66%
<b>Performance Standard 15.8: Scene Leadership</b>	51.54%	56.65%	56.77%
15.8.2 Describe team member roles on an emergency call with more experienced personnel in a lead role.	51.54%	56.65%	56.77%
<b>Performance Standard 15.9: Scene Safety</b>	70.06%	79.75%	82.90%
15.9.1 Ensure the safety of the rescuer and others during an emergency.	70.06%	79.75%	82.90%