



Celebrating 100 Years of Career Readiness

2018-2019 Pilot Technical Skills Assessment

Emergency Medical Technician (EMT)

Statewide Question Level Results

| Pilot Assessment: Idaho Emergency Medical Technician (EMT) | Avg. Score |
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| Number tested: 123 | |
| CONTENT STANDARD 1.0: PREPARATORY | 78.05% |
| Performance Standard 1.1: Emergency Medical Services (EMS) Systems | 84.01% |
| Standard 4: 1.1.4 Understand and demonstrate patient safety during high-risk activities, how errors happen, and how to prevent errors. | 84.01% |
| Performance Standard 1.3: Workforce Safety and Wellness | 77.12% |
| Standard 1: 1.3.1 Define, describe, and demonstrate standard safety precautions. | 59.35% |
| Standard 2: 1.3.2 Define, describe, and demonstrate Personal Protective Equipment (PPE). | 97.56% |
| Standard 3: 1.3.3 Define and describe stress management relating to types of stress reactions and dealing with death and dying. | 93.50% |
| Standard 4: 1.3.4 Define, describe, and demonstrate prevention of response or work related injuries. | 75.61% |
| Standard 6: 1.3.6 Understand and describe diseases caused by each of the different types of pathogens and the methods of transmission. | 57.72% |
| Standard 7: 1.3.7 Understand and describe physical, mental, and emotional wellness principles. | 98.37% |
| Performance Standard 1.7: Medical/Legal and Ethics | 75.20% |
| Standard 3: 1.7.3 Understand, describe, and demonstrate knowledge of advanced directives. | 79.67% |
| Standard 8: 1.7.8 Understand and describe ethical principles and moral obligations. | 70.73% |
| CONTENT STANDARD 4.0: PATHOPHYSIOLOGY | 69.79% |
| Performance Standard 4.2: Patency of the Airway | 70.12% |
| Standard 1: 4.2.1 Understand, describe, and demonstrate anatomical considerations of a patent airway. | 63.82% |
| Standard 2: 4.2.2 Understand, describe, and identify airway obstructions. | 76.42% |
| Performance Standard 4.3: Respiratory Compromise | 70.73% |
| Standard 1: 4.3.1 Understand and describe impaired airway, respiration, or ventilation. | 88.62% |
| Standard 2: 4.3.2 Understand and describe changes in structure or function. | 52.85% |
| Performance Standard 4.6: Perfusion and Shock | 68.78% |
| Standard 1: 4.6.1 Understand and describe the role of oxygen. | 88.62% |
| Standard 5: 4.6.5 Understand and describe cell hypoxia related to oxygen transport disturbance. | 45.93% |
| Standard 7: 4.6.7 Understand and describe blood volume. | 81.71% |
| CONTENT STANDARD 7.0: PHARMACOLOGY | 51.76% |
| Performance Standard 7.3: Emergency Medications | 51.76% |
| Standard 1: 7.3.1 Understand, describe, and demonstrate proper administration of specific medications used in an emergency. | 51.76% |
| CONTENT STANDARD 8.0: AIRWAY MANAGEMENT, RESPIRATION, AND ARTIFICIAL VENTILATION | 81.10% |
| Performance Standard 8.1: Airway Management | 90.24% |
| Standard 2: 8.1.2 Understand, describe, and demonstrate airway assessment. | 94.72% |
| Standard 3: 8.1.3 Understand, describe, and demonstrate techniques of assuring a patent airway. | 81.30% |
| Performance Standard 8.2: Respiration | 89.63% |

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| Standard 4: 8.2.4 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation. | 91.46% |
| Standard 6: 8.2.6 Understand, describe, and demonstrate when and how to use appropriate supplemental oxygen therapy. | 87.80% |
| Performance Standard 8.3: Artificial Ventilation | 68.78% |
| Standard 1: 8.3.1 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation. | 90.65% |
| Standard 3: 8.3.3 Understand, describe, and demonstrate ventilation of an apneic patient. | 59.35% |
| Standard 5: 8.3.5 Understand, describe, and demonstrate differences between normal and positive pressure ventilation. | 47.15% |
| Standard 6: 8.3.6 Consider age-related variations in pediatric and geriatric patients with regard to artificial ventilation. | 56.10% |
| CONTENT STANDARD 9.0: PATIENT ASSESSMENT | 79.51% |
| Performance Standard 9.2: Primary Assessment | 79.51% |
| Standard 1: 9.2.1 Understand, describe, and demonstrate the main purpose of the primary assessment. | 84.55% |
| Standard 3: 9.2.3 Understand and describe immediate life threats. | 78.86% |
| Standard 4: 9.2.4 Describe and demonstrate interventions necessary to preserve life. | 90.24% |
| Standard 5: 9.2.5 Understand, describe, and demonstrate the need for integration of treatment/procedures needed to preserve life recognizing the indications needed for airway, bleeding, perfusion and spinal immobilization, and so forth. | 65.04% |
| CONTENT STANDARD 10.0: MEDICINE | 78.86% |
| Performance Standard 10.5: Infectious Disease | 97.56% |
| Standard 3: 10.5.3 Understand, describe, and demonstrate knowledge of body substance isolation (BSI), PPE, and cleaning and disposing of equipment and supplies. | 97.56% |
| Performance Standard 10.8: Cardiovascular | 65.04% |
| Standard 6: 10.8.6 Understand, describe, and demonstrate knowledge of specific cardiovascular emergencies. | 65.04% |
| Performance Standard 10.10: Respiratory | 76.42% |
| Standard 3: 10.10.3 Understand, describe, and demonstrate assessment findings, symptoms, and management for respiratory conditions. | 76.42% |
| CONTENT STANDARD 11.0: SHOCK AND RESUSCITATION | 61.89% |
| Performance Standard 11.1: Ethical Issues in Resuscitation | 74.80% |
| Standard 1: 11.1.1 Understand, describe, and demonstrate knowledge of withholding resuscitation attempts. | 74.80% |
| Performance Standard 11.3: Respiratory Failure | 50.68% |
| Standard 2: 11.3.2 Understand, describe, and demonstrate assessment of respiratory failure. | 35.37% |
| Standard 3: 11.3.3 Understand, describe, and demonstrate treatment for respiratory failure. | 81.30% |
| Performance Standard 11.4: Respiratory Arrest | 70.33% |
| Standard 1: 11.4.1 Understand, describe, and demonstrate assessment of respiratory arrest. | 60.16% |
| Standard 2: 11.4.2 Understand, describe, and demonstrate knowledge of treatment of respiratory arrest. | 80.49% |
| Performance Standard 11.5: Cardiac Arrest | 59.89% |
| Standard 2: 11.5.2 Understand, describe, and demonstrate knowledge of the general reasons for the heart to stop beating. | 34.96% |
| Standard 3: 11.5.3 Understand, describe, and demonstrate Cardio-Pulmonary resuscitation (Current ECC Guidelines). | 72.36% |
| Performance Standard 11.6: Resuscitation | 74.80% |
| Standard 1: 11.6.1 Understand, describe, and demonstrate knowledge of system components to maximize survival. | 60.98% |
| Standard 2: 11.6.2 Understand, describe, and demonstrate basic cardiac life support. | 71.54% |
| Standard 3: 11.6.3 Understand, describe, and demonstrate airway control and ventilation. | 95.93% |
| Standard 4: 11.6.4 Understand, describe, and demonstrate chest compressions. | 87.80% |
| Performance Standard 11.7: Automated External Defibrillation (AED) | 41.46% |
| Standard 1: 11.7.1 Understand, describe, and demonstrate adult AED use. | 55.28% |
| Standard 2: 11.7.2 Understand, describe, and demonstrate child AED use. | 13.82% |

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| Performance Standard 11.8: Shock (Poor Diffusion) | 60.98% |
| Standard 1: 11.8.1 Understand, describe, and demonstrate knowledge of shock. | 76.42% |
| Standard 4: 11.8.4 Understand, describe, and demonstrate knowledge of the categories of shock. | 72.76% |
| Standard 8: 11.8.8 Understand, describe, and demonstrate knowledge of shock due to container failure. | 33.74% |
| Standard 9: 11.8.9 Understand, describe, and demonstrate patient assessment and management with regard to shock. | 60.98% |
| CONTENT STANDARD 12.0: TRAUMA | 70.83% |
| Performance Standard 12.1: Trauma Overview | 66.26% |
| Standard 3: 12.1.3 Understand, describe, and demonstrate assessment and management of the trauma patient. | 66.26% |
| Performance Standard 12.2: Bleeding | 86.99% |
| Standard 2: 12.2.2 Understand, describe, and demonstrate general assessment and management with regard to bleeding. | 86.99% |
| Performance Standard 12.3: Chest Trauma | 70.33% |
| Standard 7: 12.3.7 Understand, describe, and demonstrate general management for chest trauma. | 86.18% |
| Standard 8: 12.3.8 Understand, describe, and demonstrate knowledge of blunt trauma or closed chest injury. | 54.47% |
| Performance Standard 12.7: Head, Facial, Neck, and Spine Trauma | 59.76% |
| Standard 3: 12.7.3 Understand, describe, and demonstrate general patient assessment with regard to head, facial, neck, and spine trauma. | 69.11% |
| Standard 4: 12.7.4 Understand, describe, and demonstrate knowledge of specific injuries to the head, face, neck, and spine. | 50.41% |
| CONTENT STANDARD 15.0: CLINICAL BEHAVIORS/JUDGEMENT | 78.56% |
| Performance Standard 15.1: Assessment | 73.17% |
| Standard 1: 15.1.1 Demonstrate a simple assessment to identify life threats. | 73.17% |
| Performance Standard 15.3: Psychomotor Skills | 79.92% |
| Standard 2: 15.3.2 Insert oropharyngeal airway. | 99.19% |
| Standard 3: 15.3.3 Insert nasopharyngeal airway. | 77.24% |
| Standard 6: 15.3.6 Demonstrate suction of the upper airway. | 77.24% |
| Standard 7: 15.3.7 Demonstrate appropriate supplemental oxygen therapy. | 58.54% |
| Standard 16: 15.3.16 Demonstrate assistance of a normal and complicated delivery. | 94.31% |
| Standard 18: 15.3.18 Demonstrate manual stabilization and spinal immobilization. | 76.96% |
| Standard 19: 15.3.19 Demonstrate bleeding control. | 80.89% |
| Performance Standard 15.9: Scene Safety | 82.52% |
| Standard 1: 15.9.1 Ensure the safety of the rescuer and others during an emergency. | 82.52% |