Idaho CTE

Emergency Medical Technician (2018)

CONTENT STANDARD 1.0: PREPARATORY PREP

1.1 Performance Standard 1.1: Emergency Medical Services (EMS) Systems PREP:EMSS

- 1.1.1 Understand and define the EMS system relating to history, National Highway Traffic Safety Administration (NHTSA), access, education, and authorization to practice. PREP:EMSS:1
- 1.1.2 Define and describe the roles, responsibilities, and professionalism of EMS personnel. PREP:EMSS:2
- 1.1.3 Understand Quality Improvement. PREP:EMSS:3
- 1.1.4 Understand and demonstrate patient safety during high-risk activities, how errors happen, and how to prevent errors. PREP:EMSS:4

1.2 Performance Standard 1.2: Research PREP:RESEARCH

- 1.2.1 Define, describe, and demonstrate evidence-based decision-making. PREP:RESEARCH:1
- 1.2.2 Define, describe, and demonstrate the impact of research on EMS care. PREP:RESEARCH:2

1.3 Performance Standard 1.3: Workforce Safety and Wellness PREP:WSW

- 1.3.1 Define, describe, and demonstrate standard safety precautions. PREP:WSW:1
- 1.3.2 Define, describe, and demonstrate Personal Protective Equipment (PPE). PREP:WSW:2
- 1.3.3 Define and describe stress management relating to types of stress reactions and dealing with death and dying. PREP:WSW:3
- 1.3.4 Define, describe, and demonstrate prevention of response or work related injuries. PREP:WSW:4
- 1.3.5 Define, describe, and demonstrate lifting and moving patients while practicing personal and patient safety precautions. PREP:WSW:5
- 1.3.6 Understand and describe diseases caused by each of the different types of pathogens and the methods of transmission. PREP:WSW:6
- 1.3.7 Understand and describe physical, mental, and emotional wellness principles. PREP:WSW:7

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1.4 Performance Standard 1.4: Documentation PREP:DOC

1.4.1 Understand, describe, and demonstrate the correct principles of medical documentation and report writing. PREP:DOC:1

1.4.2 Understand, describe, and demonstrate recording patient findings. PREP:DOC:2

1.5 Performance Standard 1.5: EMS System Communication PREP:COMM

1.5.1 Understand and describe the EMS communication system. PREP:COMM:1

1.5.2 Understand, describe, and demonstrate communication with other healthcare professionals. PREP:COMM:2

1.5.3 Understand, describe, and demonstrate team communication and dynamics. PREP:COMM:3

1.5.4 Understand and demonstrate communications regarding additional resources, transfer of patient care, and interaction within a team structure. PREP:COMM:4

1.6 Performance Standard 1.6: Therapeutic Communication PREP:THER

1.6.1 Understand, describe, and demonstrate principles of communicating with patients in a manner that achieves a positive relationship. PREP:THER:1

1.6.2 Understand, describe, and demonstrate the communication process. PREP:THER:2

1.6.3 Understand, describe, and demonstrate types of communication responses. PREP:THER:3

1.6.4 Understand, describe, and demonstrate the development of patient rapport. PREP:THER:4

1.6.5 Understand, describe, and demonstrate strategies for ascertaining information. PREP:THER:5

1.6.6 Understand, describe, and demonstrate considerations for special interview situations. PREP:THER:6

1.7 Performance Standard 1.7: Medical/Legal and Ethics PREP:LEGAL

1.7.1 Understand, describe, and demonstrate consent and refusal of care. PREP:LEGAL:1

1.7.2 Understand, describe, and demonstrate confidentiality. PREP:LEGAL:2

1.7.3 Understand, describe, and demonstrate knowledge of advanced directives. PREP:LEGAL:3

1.7.4 Understand and describe tort and criminal actions. PREP:LEGAL:4

1.7.5 Understand, describe, and demonstrate evidence preservation. PREP:LEGAL:5

1.7.6 Understand and describe statutory responsibilities. PREP:LEGAL:6

1.7.7 Understand and describe mandatory reportings. PREP:LEGAL:7

1.7.8 Understand and describe ethical principles and moral obligations. PREP:LEGAL:8

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1.7.9 Complete the Idaho Physician's Orders for Scope of Treatment Certification Course (POST). PREP:LEGAL:9

1.7.10 Understand and describe Idaho's SafeHaven law. PREP:LEGAL:10

CONTENT STANDARD 2.0: ANATOMY AND PHYSIOLOGY A&P

2.1 Performance Standard 2.1: Anatomy and Body Functions A&P:FUN

2.1.1 Understand, describe, and demonstrate anatomical planes. A&P:FUN:1

2.1.2 Understand and describe standard anatomical terms. A&P:FUN:2

2.1.3 Understand, describe, and differentiate body systems. A&P:FUN:3

2.2 Performance Standard 2.2: Life Support Chain A&P:LIFE

2.2.1 Understand, describe, and demonstrate the fundamental elements of the life support chain. A&P:LIFE:1

2.2.2 Understand and describe the issues impacting the fundamental elements of the life support chain. A&P:LIFE:2

2.3 Performance Standard 2.3: Age Related Variations for Pediatrics and Geriatrics A&P:VAR

2.3.1 Consider age related variations in pediatric and geriatric patients. A&P:VAR:1

CONTENT STANDARD 3.0: MEDICAL TERMINOLOGY MT

3.1 Performance Standard 3.1: Medical Terminology MT:WP

3.1.1 Define, describe, and demonstrate the use of prefixes. MT:WP:1

3.1.2 Define, describe, and demonstrate the use of root words. MT:WP:2

3.1.3 Define, describe, and demonstrate the use of suffixes. MT:WP:3

3.1.4 Define, describe, and demonstrate the use of combining forms. MT:WP:4

3.2 Performance Standard 3.2: Medical Terms MT:MT

3.2.1 Define and describe medical terms associated with body structure. MT:MT:1

3.2.2 Define and describe medical terms associated with body systems. MT:MT:2

3.2.3 Define and describe medical terms associated with body direction or position. MT:MT:3

3.3 Performance Standard 3.3: Standard Medical Abbreviations and Acronyms MT:AA

3.3.1 Define and describe standard medical abbreviations. MT:AA:1

3.3.2 Define and describe standard medical acronyms. MT:AA:2

CONTENT STANDARD 4.0: PATHOPHYSIOLOGY PATHO

4.1 Performance Standard 4.1: Composition of Ambient Air PATHO:AIR

4.1.1 Understand and describe the percentage of oxygen in ambient air. PATHO:AIR:1

4.1.2 Understand and describe the percentage of nitrogen in ambient air. PATHO:AIR:2

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4.1.3 Understand and describe the percentage of carbon dioxide in ambient air. PATHO:AIR:3

4.1.4 Understand and describe the fraction of inspired oxygen. PATHO:AIR:4

4.1.5 Understand and describe the fraction of delivered oxygen. PATHO:AIR:5

4.2 Performance Standard 4.2: Patency of the Airway PATHO:AIRWAY

4.2.1 Understand, describe, and demonstrate anatomical considerations of a patent airway. PATHO:AIRWAY:1

4.2.2 Understand, describe, and identify airway obstructions. PATHO:AIRWAY:2

4.3 Performance Standard 4.3: Respiratory Compromise PATHO:RC

4.3.1 Understand and describe impaired airway, respiration, or ventilation. PATHO:RC:1

4.3.2 Understand and describe changes in structure or function. PATHO:RC:2

4.4 Performance Standard 4.4: Alteration in Regulation of Respiration Due to Medical or Traumatic Conditions PATHO:RESP

4.4.1 Understand and describe the role of chemoreceptors. PATHO:RESP:1

4.4.2 Understand and describe the role of stretch receptors. PATHO:RESP:2

4.4.3 Understand and describe the role of medulla rhythm centers. PATHO:RESP:3

4.4.4 Understand and describe the effects of arterial carbon dioxide and oxygen content on respiration rate and depth. PATHO:RESP:4

4.4.5 Understand and describe hypoxia caused by respiratory regulation disturbance. PATHO:RESP:5

4.5 Performance Standard 4.5: Ventilation/Perfusion (V/Q) Ratio and Mismatch PATHO:VQ

4.5.1 Define the apex of the lung. PATHO:VQ:1

4.5.2 Define the base of the lung. PATHO:VQ:2

4.5.3 Understand and describe ventilation disturbance related to hypoxemia. PATHO:VQ:3

4.5.4 Understand and describe perfusion disturbance related to hypoxemia. PATHO:VQ:4

4.6 Performance Standard 4.6: Perfusion and Shock PATHO:PERF

4.6.1 Understand and describe the role of oxygen. PATHO:PERF:1

4.6.2 Understand and describe the role of carbon dioxide. PATHO:PERF:2

4.6.3 Understand and describe alveolar/capillary gas exchange. PATHO:PERF:3

4.6.4 Understand and describe cell/capillary gas exchange. PATHO:PERF:4

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4.6.5 Understand and describe cell hypoxia related to oxygen transport disturbance. PATHO:PERF:5

4.6.6 Understand and describe hypercarbia related to carbon dioxide transport disturbance. PATHO:PERF:6

4.6.7 Understand and describe blood volume. PATHO:PERF:7

4.6.8 Understand and describe myocardial effectiveness. PATHO:PERF:8

4.6.9 Understand and describe the concept of systemic vascular resistance. PATHO:PERF:9

4.7 Performance Standard 4.7: Microcirculation PATHO:MICRO

4.7.1 Understand and describe true capillaries. PATHO:MICRO:1

4.7.2 Understand and describe arteriole-venule shunt. PATHO:MICRO:2

4.7.3 Understand and describe influence on capillary. PATHO:MICRO:3

4.8 Performance Standard 4.8: Blood Pressure PATHO:BP

4.8.1 Understand and describe cardiac output. PATHO:BP:1

4.8.2 Understand and describe systemic vascular resistance. PATHO:BP:2

4.8.3 Understand and describe the role of baroreceptors. PATHO:BP:3

4.8.4 Understand and describe the effects of changes in cardiac output on blood pressure. PATHO:BP:4

4.8.5 Understand and describe the effects of changes in systemic vascular resistance on blood pressure. PATHO:BP:5

4.8.6 Understand and describe the effects of changes of blood pressure on perfusion of cells. PATHO:BP:6

4.9 Performance Standard 4.9: Alteration of Cell Metabolism PATHO:CELL

4.9.1 Understand and describe aerobic metabolism. PATHO:CELL:1

4.9.2 Understand and describe anaerobic metabolism. PATHO:CELL:2

4.9.3 Understand and describe the effects of inadequate perfusion on cells. PATHO:CELL:3

CONTENT STANDARD 5.0: LIFE SPAN DEVELOPMENT LS

5.1 Performance Standard 5.1: Infancy LS:INFANT

5.1.1 Understand and describe fundamental knowledge of life span and physiology in infancy. LS:INFANT:1

5.1.2 Understand and describe psychosocial development in infancy. LS:INFANT:2

5.2 Performance Standard 5.2: Toddler and Preschool LS:TODDLER

5.2.1 Understand and describe fundamental knowledge of lifespan and physiology in toddler and preschool-age children. LS:TODDLER:1

5.2.2 Understand and describe and psychosocial development in toddler and preschool-age children. LS:TODDLER:2

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Performance Standard 5.3: School Age Children LS:SCHOOL

5.3.1 Understand and describe fundamental knowledge of lifespan and physiology in school- age children. LS:SCHOOL:1

5.3.2 Understand and describe psychological development in school-age children. LS:SCHOOL:2

5.4 Performance Standard 5.4: Adolescence LS:ADOLESCENCE

5.4.1 Understand and describe fundamental knowledge of life span and physiology in adolescence. LS:ADOLESCENCE:1

5.4.2 Understand and describe psychological development in adolescence. LS:ADOLESCENCE:2

5.5 Performance Standard 5.5: Early Adulthood LS:EA

5.5.1 Understand and describe fundamental knowledge of life span and physiology in early adulthood. LS:EA:1

5.5.2 Understand and describe psychological development in early adulthood. LS:EA:2

5.6 Performance Standard 5.6: Middle Adulthood LS:MA

5.6.1 Understand and describe fundamental knowledge of life span and physiology in middle adulthood. LS:MA:1

5.6.2 Understand and describe psychological development in middle adulthood. LS:MA:2

5.7 Performance Standard 5.7: Late Adulthood LS:LA

5.7.1 Understand and describe fundamental knowledge of life span and physiology in late adulthood. LS:LA:1

5.7.2 Understand and describe psychological development in late adulthood. LS:LA:2

CONTENT STANDARD 6.0: PUBLIC HEALTH PH

6.1 Performance Standard 6.1: Basic Principles of Public Health PH:PH

6.1.1. Understand and describe the role of public health. PH:PH:1

6.1.2. Understand and describe public health laws, regulations, and guidelines. PH:PH:2

6.1.3. Understand and describe the EMS interface with public health. PH:PH:3

CONTENT STANDARD 7.0: PHARMACOLOGY PHARM

7.1 Performance Standard 7.1: Principles of Pharmacology PHARM:PRINCIPLES

7.1.1 Understand and describe medication safety. PHARM:PRINCIPLES:1

7.1.2 Understand and describe the kinds of medications used in an emergency. PHARM:PRINCIPLES:2

7.1.3 Understand and describe basic medication terminology. PHARM:PRINCIPLES:3

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Performance Standard 7.2: Medication Administration PHARM:MEDADMIN

7.2.1 Understand, describe, and demonstrate how to assist/administer medications to a patient. PHARM:MEDADMIN:1

7.2.2 Understand, describe, and demonstrate medication self-administration. PHARM:MEDADMIN:2

7.2.3 Understand, describe, and demonstrate medication peer administration. PHARM:MEDADMIN:3

7.3 Performance Standard 7.3: Emergency Medications PHARM:EMMED

7.3.1 Understand, describe, and demonstrate proper administration of specific medications used in an emergency. PHARM:EMMED:1

CONTENT STANDARD 8.0: AIRWAY MANAGEMENT, RESPIRATION AND ARTIFICIAL VENTILATION AIRWAY

8.1 Performance Standard 8.1: Airway Management AIRWAY:MGMT

8.1.1 Understand and describe the anatomy of the airway. AIRWAY:MGMT:1

8.1.2 Understand, describe, and demonstrate airway assessment. AIRWAY:MGMT:2

8.1.3 Understand, describe, and demonstrate techniques of assuring a patent airway. AIRWAY:MGMT:3

8.1.4 Consider age-related variations in pediatric and geriatric patients with regard to airway management. AIRWAY:MGMT:4

8.2 Performance Standard 8.2: Respiration AIRWAY:RESP

8.2.1 Understand and describe the anatomy of the respiratory system. AIRWAY:RESP:1

8.2.2 Understand and describe the physiology of respiration. AIRWAY:RESP:2

8.2.3 Understand and describe the pathophysiology of respiration. AIRWAY:RESP:3

8.2.4 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation. AIRWAY:RESP:4

8.2.5 Understand, describe, and demonstrate management of adequate and inadequate respirations. AIRWAY:RESP:5

8.2.6 Understand, describe, and demonstrate when and how to use appropriate supplemental oxygen therapy. AIRWAY:RESP:6

8.2.7 Consider age-related variations in pediatric and geriatric patients with regard to respiration. AIRWAY:RESP:7

8.3 Performance Standard 8.3: Artificial Ventilation AIRWAY:AV

8.3.1 Understand, describe, and demonstrate assessment of adequate and inadequate ventilation. AIRWAY:AV:1

8.3.2 Understand and describe oxygenation. AIRWAY:AV:2

8.3.3 Understand, describe, and demonstrate ventilation of an apneic patient. AIRWAY:AV:3

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8.3.4 Understand, describe, and demonstrate management of adequate and inadequate ventilations. AIRWAY:AV:4

8.3.5 Understand, describe, and demonstrate differences between normal and positive pressure ventilation. AIRWAY:AV:5

8.3.6 Consider age-related variations in pediatric and geriatric patients with regard to artificial ventilation. AIRWAY:AV:6

CONTENT STANDARD 9.0: PATIENT ASSESSMENT PA

9.1 Performance Standard 9.1: Scene Size-Up PA:SSU

9.1.1 Understand and describe the purposes and goals of performing scene safety on every EMS call. PA:SSU:1

9.1.2 Understand, describe, and demonstrate management of a scene. PA:SSU:2

9.2 Performance Standard 9.2: Primary Assessment PA:PA

9.2.1 Understand, describe, and demonstrate the main purpose of the primary assessment. PA:PA:1

9.2.2 List the components of the primary assessment. PA:PA:2

9.2.3 Understand and describe immediate life threats. PA:PA:3

9.2.4 Describe and demonstrate interventions necessary to preserve life. PA:PA:4

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. PA:PA:5

9.2.6 Understand, describe, and demonstrate evaluating priority of patient care and transport. PA:PA:6

9.3 Performance Standard 9.3: History Taking PA:HISTORY

9.3.1 Understand, describe, and demonstrate the investigation of the chief complaint. PA:HISTORY:1

9.3.2 Understand, describe, and demonstrate how to determine the mechanism of injury or nature of illness. PA:HISTORY:2

9.3.3 Understand, describe, and demonstrate how to find and treat any associated signs and symptoms. PA:HISTORY:3

9.3.4 Understand, describe, and demonstrate the components of a patient history. PA:HISTORY:4

9.3.5 Understand, describe, and demonstrate the techniques of history taking. PA:HISTORY:5

9.3.6 Understand, describe, and demonstrate the standardized approach to history taking. PA:HISTORY:6

9.3.7 Understand, describe, and demonstrate history taking on sensitive topics. PA:HISTORY:7

9.3.8 Consider age-related variations in pediatric and geriatric patients with regard to history taking. PA:HISTORY:8

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9.4 Performance Standard 9.4: Secondary Assessment PA:SA

9.4.1 Understand, describe, and demonstrate the performance of a rapid full body scan. PA:SA:1

9.4.2 Understand, describe, and demonstrate a focused assessment of pain. PA:SA:2

9.4.3 Understand, describe, and demonstrate assessment of vital signs. PA:SA:3

9.4.4 Understand, describe, and demonstrate techniques of physical examination. PA:SA:4

9.4.5 Consider age-related variations in pediatric and geriatric patients with regard to secondary assessment. PA:SA:5

9.5 Performance Standard 9.5: Monitoring Devices PA:VS

9.5.1 Understand, describe, and demonstrate pulse oximetry. PA:VS:1

9.5.2 Understand, describe, and demonstrate non-invasive blood pressure. PA:VS:2

9.5.3 Understand, describe, and demonstrate other monitoring devices. PA:VS:3

9.6 Performance Standard 9.6: Reassessment PA:RA

9.6.1 Understand, describe, and demonstrate how and when to reassess. PA:RA:1

9.6.2 Understand, describe, and demonstrate the identification and treatment of changes in the patient's condition in a timely manner. PA:RA:2

9.6.3 Understand, describe, and demonstrate reassessment at regular intervals. PA:RA:3

9.6.4 Understand, describe, and demonstrate components of a reassessment. PA:RA:4

9.6.5 Understand, describe, and demonstrate the differentiation of reassessment compared to the baseline. PA:RA:5

9.6.6 Understand, describe, and demonstrate assessment of vital signs. PA:RA:6

9.6.7 Understand, describe, and demonstrate how to obtain a chief complaint. PA:RA:7

9.6.8 Understand, describe, and demonstrate appropriate interventions. PA:RA:8

9.6.9 Consider age-related variations in pediatric and geriatric patients with regard to reassessment. PA:RA:9

CONTENT STANDARD 10.0: MEDICINE MED

10.1 Performance Standard 10.1: Medical Overview MED:OVERVIEW

10.1.1 Understand, describe, and demonstrate assessment findings. MED:OVERVIEW:1

10.1.2 Understand, describe, and demonstrate major components of patient assessment. MED:OVERVIEW:2

10.2 Performance Standard 10.2: Neurology MED:NEURO

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10.2.1 Understand, describe, and demonstrate knowledge of the anatomy and functions of the brain, spinal cord, and cerebral blood vessels. MED:NEURO:1

10.2.2 Understand, describe, and demonstrate knowledge of altered mental status. MED:NEURO:2

10.2.3 Understand, describe, and demonstrate knowledge of stroke/ transient ischemic attack (TIA). MED:NEURO:3

10.2.4 Understand, describe, and demonstrate knowledge of seizures. MED:NEURO:4

10.2.5 Understand, describe, and demonstrate knowledge of headache. MED:NEURO:5

10.2.6 Understand, describe, and demonstrate transport decisions with regard to neurology. MED:NEURO:6

10.2.7 Understand, describe, and demonstrate communication and documentation with regard to neurology. MED:NEURO:7

10.2.8 Consider age-related variations in pediatric and geriatric patients with regard to neurology. MED:NEURO:8

10.3 Performance Standard 10.3: Abdominal and Gastrointestinal Disorders MED:ABD

10.3.1 Understand, describe, and demonstrate knowledge of anatomy of the organs of the abdominopelvic cavity. MED:ABD:1

10.3.2 Understand, describe, and demonstrate knowledge of assessment and symptoms. MED:ABD:2

10.3.3 Understand, describe, and demonstrate general management for patients with an acute abdomen. MED:ABD:3

10.3.4 Understand, describe, and demonstrate knowledge of specific acute abdominal conditions. MED:ABD:4

10.3.5 Understand, describe, and demonstrate knowledge of pediatric anatomy with regard to abdominal and gastrointestinal disorders. MED:ABD:5

10.3.6 Understand, describe, and demonstrate communication and documentation with regard to abdominal and gastrointestinal disorders. MED:ABD:6

10.3.7 Understand, describe, and demonstrate transport decisions with regard to abdominal and gastrointestinal disorders. MED:ABD:7

10.3.8 Consider age-related variations in pediatric and geriatric patients with regard to abdominal and gastrointestinal disorders. MED:ABD:8

10.4 Performance Standard 10.4: Immunology MED:IMMUNO

10.4.1 Understand, describe, and demonstrate knowledge of terms of immunology. MED:IMMUNO:1

10.4.2 Understand, describe, and demonstrate knowledge of basic immune system's response to allergens. MED:IMMUNO:2

10.4.3 Understand, describe, and demonstrate knowledge of fundamental pathophysiology. MED:IMMUNO:3

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10.4.4 Understand, describe, and demonstrate assessment findings for allergic reaction. MED:IMMUNO:4

10.4.5 Understand, describe, and demonstrate assessment findings for anaphylaxis. MED:IMMUNO:5

10.4.6 Understand, describe, and demonstrate general management with regard to immunology. MED:IMMUNO:6

10.4.7 Understand, describe, and demonstrate knowledge of epinephrine as treatment for allergic reactions. MED:IMMUNO:7

10.4.8 Understand, describe, and demonstrate communication and documentation with regard to immunology. MED:IMMUNO:8

10.4.9 Understand, describe, and demonstrate transport decisions with regard to immunology. MED:IMMUNO:9

10.4.10 Consider age-related variations in pediatric and geriatric patients with regard to immunology. MED:IMMUNO:10

10.5 Performance Standard 10.5: Infectious Disease MED:INF

10.5.1 Understand, describe, and demonstrate knowledge of infectious disease awareness. MED:INF:1

10.5.2 Understand, describe, and demonstrate knowledge of causes of infectious disease. MED:INF:2

10.5.3 Understand, describe, and demonstrate knowledge of body substance isolation (BSI), PPE, and cleaning and disposing of equipment and supplies. MED:INF:3

10.5.4 Understand, define, and demonstrate communication and documentation for a patient with a communicable or infectious disease. MED:INF:4

10.5.5 Understand, define, and demonstrate transport decision with regard to infectious disease. MED:INF:5

10.5.6 Understand, describe, and demonstrate knowledge of legal requirements for reporting with regard to infectious disease. MED:INF:6

10.5.7 Understand, describe, and demonstrate knowledge of required reporting with regard to infectious disease. MED:INF:7

10.5.8 Consider age-related variations in pediatric and geriatric patients with regard to infectious disease. MED:INF:8

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10.6 Performance Standard 10.6: Endocrine Disorders MED:ENDO

- 10.6.1 Understand, describe, and demonstrate knowledge of terms for endocrine disorders. MED:ENDO:1
- 10.6.2 Understand, describe, and demonstrate knowledge of diabetes. MED:ENDO:2
- 10.6.3 Understand, describe, and demonstrate communication and documentation with regard to endocrine disorders. MED:ENDO:3
- 10.6.4 Understand, describe, and demonstrate transport decisions with regard to endocrine disorders. MED:ENDO:4

10.7 Performance Standard 10.7: Psychiatrics MED:PSYCH

- 10.7.1 Understand, describe, and demonstrate knowledge of psychiatrics. MED:PSYCH:1
- 10.7.2 Understand, describe, and demonstrate knowledge of epidemiology of psychiatric disorders. MED:PSYCH:2
- 10.7.3 Understand, describe, and demonstrate assessment finding with regard to psychiatrics. MED:PSYCH:3
- 10.7.4 Understand, describe, and demonstrate knowledge of behavioral changes. MED:PSYCH:4
- 10.7.5 Understand, describe, and demonstrate methods to calm behavioral emergency patients. MED:PSYCH:5
- 10.7.6 Understand, describe, and demonstrate knowledge of psychiatric emergencies. MED:PSYCH:6
- 10.7.7 Understand, describe, and demonstrate knowledge of emergency medical care with regard to psychiatrics. MED:PSYCH:7
- 10.7.8 Understand, describe, and demonstrate knowledge of medical-legal considerations in psychiatric care. MED:PSYCH:8
- 10.7.9 Consider age-related variations in pediatric and geriatric patients with regard to psychiatrics. MED:PSYCH:9

10.8 Performance Standard 10.8: Cardiovascular MED:CARDIO

- 10.8.1 Understand, describe, and demonstrate knowledge of anatomy of the cardiovascular system. MED:CARDIO:1
- 10.8.2 Understand, describe, and demonstrate knowledge of physiology. MED:CARDIO:2
- 10.8.3 Understand, describe, and demonstrate knowledge of pathophysiology. MED:CARDIO:3
- 10.8.4 Understand, describe, and demonstrate assessment findings related to the cardiovascular system. MED:CARDIO:4
- 10.8.5 Understand, describe, and demonstrate knowledge of general management related to the cardiovascular system. MED:CARDIO:5

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10.8.6 Understand, describe, and demonstrate knowledge of specific cardiovascular emergencies. MED:CARDIO:6

10.8.7 Understand, describe, and demonstrate knowledge of chest pain. MED:CARDIO:7

10.8.8 Understand, describe, and demonstrate knowledge of cardiac arrest. MED:CARDIO:8

10.8.9 Understand, describe, and demonstrate knowledge of pharmacological agents related to the cardiovascular system. MED:CARDIO:9

10.8.10 Consider age-related variations in pediatric and geriatric patients with regard to cardiovascular care. MED:CARDIO:10

10.9 Performance Standard 10.9: Toxicology MED:TOX

10.9.1 Understand, describe, and demonstrate knowledge of toxicology. MED:TOX:1

10.9.2 Understand, describe, and demonstrate knowledge of poisoning by ingestion. MED:TOX:2

10.9.3 Understand, describe, and demonstrate knowledge of poisoning by inhalation. MED:TOX:3

10.9.4 Understand, describe, and demonstrate knowledge of poisoning by injection. MED:TOX:4

10.9.5 Understand, describe, and demonstrate knowledge of poisoning by absorption. MED:TOX:5

10.9.6 Understand, describe, and demonstrate knowledge of drugs of abuse. MED:TOX:6

10.9.7 Understand, describe, and demonstrate knowledge of poisoning and exposures. MED:TOX:7

10.9.8 Understand, describe, and demonstrate knowledge of carbon monoxide poisoning. MED:TOX:8

10.9.9 Understand, describe, and demonstrate knowledge of poisoning by nerve agents. MED:TOX:9

10.9.10 Understand, describe, and demonstrate knowledge of nerve agent antidote. MED:TOX:10

10.9.11 Understand, describe, and demonstrate knowledge of medication overdose. MED:TOX:11

10.9.12 Understand, describe, and demonstrate knowledge of general treatment modalities for poisonings. MED:TOX:12

10.9.13 Understand, describe, and demonstrate communication and documentation for patients with toxicological emergencies. MED:TOX:13

10.9.14 Understand, describe, and demonstrate transport decisions with regard to toxicology. MED:TOX:14

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10.9.15 Consider age-related variations in pediatric and geriatric patients with regard to toxicology. MED:TOX:15

10.1 Performance Standard 10.10: Respiratory MED:RESP

10.10.1 Understand, describe, and demonstrate knowledge of the anatomy of the respiratory system. MED:RESP:1

10.10.2 Understand, describe, and demonstrate knowledge of normal respiratory effort. MED:RESP:2

10.10.3 Understand, describe, and demonstrate assessment findings, symptoms, and management for respiratory conditions. MED:RESP:3

10.10.4 Understand, describe, and demonstrate knowledge of specific respiratory conditions. MED:RESP:4

10.10.5 Understand, describe, and demonstrate knowledge of metered dose inhalers and small volume nebulizers. MED:RESP:5

10.10.6 Understand, describe, and demonstrate communication and documentation for patients with respiratory emergencies. MED:RESP:6

10.10.7 Understand, describe, and demonstrate transport decisions for patients with respiratory emergencies. MED:RESP:7

10.10.8 Consider age-related variations in pediatric and geriatric patients for patients with respiratory emergencies. MED:RESP:8

10.11 Performance Standard 10.11: Hematology MED:HEMAT

10.11.1 Understand, describe, and demonstrate knowledge of anatomy and physiology. MED:HEMAT:1

10.11.2 Understand, describe, and demonstrate knowledge of the pathophysiology of sickle cell. MED:HEMAT:2

10.11.3 Understand, describe, and demonstrate knowledge of sickle cell crisis. MED:HEMAT:3

10.11.4 Understand, describe, and demonstrate knowledge of clotting disorders. MED:HEMAT:4

10.11.5 Consider age-related variations in pediatric and geriatric patients with regard to hematology. MED:HEMAT:5

10.12 Performance Standard 10.12: Genitourinary/Renal MED:GU

10.12.1 Understand, describe, and demonstrate knowledge of anatomy and physiology. MED:GU:1

10.12.2 Understand, describe, and demonstrate knowledge of pathophysiology with regard to the genitourinary/renal systems. MED:GU:2

10.12.3 Understand, describe, and demonstrate knowledge of dialysis. MED:GU:3

10.12.4 Understand, describe, and demonstrate management for a patient with a dialysis emergency. MED:GU:4

10.12.5 Understand, describe, and demonstrate knowledge of urinary catheter management. MED:GU:5

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10.12.6 Understand, describe, and demonstrate communication and documentation with regard to the genitourinary/renal systems. MED:GU:6

10.12.7 Understand, describe, and demonstrate transport decisions for patients having genitourinary/renal emergencies. MED:GU:7

10.12.8 Consider age-related variations in pediatric and geriatric patients with regard to the genitourinary/renal systems. MED:GU:8

10.13 Performance Standard 10.13: Gynecology MED:GYN

10.13.1 Understand, describe, and demonstrate knowledge of the terms for gynecology. MED:GYN:1

10.13.2 Understand, describe, and demonstrate assessment findings with regard to gynecology. MED:GYN:2

10.13.3 Understand, describe, and demonstrate knowledge of general management with regard to gynecology. MED:GYN:3

10.13.4 Understand, describe, and demonstrate knowledge of specific gynecological emergencies. MED:GYN:4

10.13.5 Understand, describe, and demonstrate knowledge and management of vaginal bleeding. MED:GYN:5

10.13.6 Understand, describe, and demonstrate knowledge of communication and documentation with regard to gynecology. MED:GYN:6

10.13.7 Understand, describe, and demonstrate transport decisions for patients with gynecology emergencies. MED:GYN:7

10.13.8 Consider age-related variations in pediatric and geriatric patients with regard to gynecology. MED:GYN:8

10.14 Performance Standard 10.14: Non-traumatic Musculoskeletal Disorders MED:MUSC

10.14.1 Understand, describe, and demonstrate knowledge of the term for anatomy and physiology. MED:MUSC:1

10.14.2 Understand, describe, and demonstrate knowledge of pathophysiology. MED:MUSC:2

10.14.3 Understand, describe, and demonstrate assessment findings with regard to non- traumatic musculoskeletal disorders. MED:MUSC:3

10.14.4 Understand, describe, and demonstrate knowledge of general management with regard to non-traumatic musculoskeletal disorders. MED:MUSC:4

10.14.5 Consider age-related variations in pediatric and geriatric patients with regard to non-traumatic musculoskeletal disorders. MED:MUSC:5

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10.15 Performance Standard 10.15: Diseases of the Eyes, Ears, Nose, and Throat MED:EENT

10.15.1 Understand, describe, and demonstrate knowledge and management of a nosebleed. MED:EENT:1

CONTENT STANDARD 11.0: SHOCK AND RESUSCITATION SHOCK

11.1 Performance Standard 11.1: Ethical Issues in Resuscitation SHOCK:ETHICS

11.1.1 Understand, describe, and demonstrate knowledge of withholding resuscitation attempts. SHOCK:ETHICS:1

11.1.2 Understand, describe, and demonstrate knowledge of providing emotional support for the family. SHOCK:ETHICS:2

11.2 Performance Standard 11.2: Anatomy and Physiology Review SHOCK:A&P

11.2.1 Understand, describe, and demonstrate knowledge of the respiratory system. SHOCK:A&P:1

11.2.2 Understand, describe, and demonstrate knowledge of the cardiovascular system. SHOCK:A&P:2

11.3 Performance Standard 11.3: Respiratory Failure SHOCK:RF

11.3.1 Understand, describe, and demonstrate knowledge of pathophysiology. SHOCK:RF:1

11.3.2 Understand, describe, and demonstrate assessment of respiratory failure. SHOCK:RF:2

11.3.3 Understand, describe, and demonstrate treatment for respiratory failure. SHOCK:RF:3

11.4 Performance Standard 11.4: Respiratory Arrest SHOCK:RA

11.4.1 Understand, describe, and demonstrate assessment of respiratory arrest. SHOCK:RA:1

11.4.2 Understand, describe, and demonstrate knowledge of treatment of respiratory arrest. SHOCK:RA:2

11.5 Performance Standard 11.5: Cardiac Arrest SHOCK:CA

11.5.1 Understand, describe, and demonstrate knowledge of pathophysiology. SHOCK:CA:1

11.5.2 Understand, describe, and demonstrate knowledge of the general reasons for the heart to stop beating. SHOCK:CA:2

11.5.3 Understand, describe, and demonstrate Cardio-Pulmonary resuscitation (Current ECC Guidelines). SHOCK:CA:3

11.6 Performance Standard 11.6: Resuscitation SHOCK:RESUSC

11.6.1 Understand, describe, and demonstrate knowledge of system components to maximize survival. SHOCK:RESUSC:1

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11.6.2 Understand, describe, and demonstrate basic cardiac life support. SHOCK:RESUSC:2

11.6.3 Understand, describe, and demonstrate airway control and ventilation. SHOCK:RESUSC:3

11.6.4 Understand, describe, and demonstrate chest compressions. SHOCK:RESUSC:4

11.7 Performance Standard 11.7: Automated External Defibrillation (AED) SHOCK:AED

11.7.1 Understand, describe, and demonstrate adult AED use. SHOCK:AED:1

11.7.2 Understand, describe, and demonstrate child AED use. SHOCK:AED:2

11.7.3 Understand, describe, and demonstrate infant AED use. SHOCK:AED:3

11.7.4 Understand, describe, and demonstrate special AED situations. SHOCK:AED:4

11.8 Performance Standard 11.8: Shock (Poor Perfusion) SHOCK:PERF

11.8.1 Understand, describe, and demonstrate knowledge of shock. SHOCK:PERF:1

11.8.2 Understand, describe, and demonstrate knowledge of anatomy and physiology. SHOCK:PERF:2

11.8.3 Understand, describe, and demonstrate knowledge of disruptions that cause shock. SHOCK:PERF:3

11.8.4 Understand, describe, and demonstrate knowledge of the categories of shock. SHOCK:PERF:4

11.8.5 Understand, describe, and demonstrate knowledge of signs and symptoms of shock. SHOCK:PERF:5

11.8.6 Understand, describe, and demonstrate knowledge of shock due to fluid loss. SHOCK:PERF:6

11.8.7 Understand, describe, and demonstrate knowledge of shock due to pump failure. SHOCK:PERF:7

11.8.8 Understand, describe, and demonstrate knowledge of shock due to container failure. SHOCK:PERF:8

11.8.9 Understand, describe, and demonstrate patient assessment and management with regard to shock. SHOCK:PERF:9

11.8.10 Consider age-related variations in pediatric and geriatric patients with regard to shock. SHOCK:PERF:10

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CONTENT STANDARD 12.0: TRAUMA TRAUMA

12.1 Performance Standard 12.1: Trauma Overview TRAUMA:OVERVIEW

- 12.1.1 Understand, describe, and demonstrate knowledge of identification and categorization of trauma patients. TRAUMA:OVERVIEW:1
- 12.1.2 Understand, describe, and demonstrate knowledge of pathophysiology of a trauma patient. TRAUMA:OVERVIEW:2
- 12.1.3 Understand, describe, and demonstrate assessment and management of the trauma patient. TRAUMA:OVERVIEW:3

12.2 Performance Standard 12.2: Bleeding TRAUMA:BLEEDING

- 12.2.1 Understand, describe, and demonstrate knowledge of pathophysiology. TRAUMA:BLEEDING:1
- 12.2.2 Understand, describe, and demonstrate general assessment and management with regard to bleeding. TRAUMA:BLEEDING:2

12.3 Performance Standard 12.3: Chest Trauma TRAUMA:CHEST

- 12.3.1 Understand, describe, and demonstrate knowledge of incidence of chest trauma. TRAUMA:CHEST:1
- 12.3.2 Understand, describe, and demonstrate knowledge of mechanism of injury for chest trauma. TRAUMA:CHEST:2
- 12.3.3 Understand, describe, and demonstrate knowledge of anatomy of the chest. TRAUMA:CHEST:3
- 12.3.4 Understand, describe, and demonstrate knowledge of physiology of chest trauma. TRAUMA:CHEST:4
- 12.3.5 Understand, describe, and demonstrate knowledge of pathophysiology of chest trauma. TRAUMA:CHEST:5
- 12.3.6 Understand, describe, and demonstrate general assessment findings with regard to chest trauma. TRAUMA:CHEST:6
- 12.3.7 Understand, describe, and demonstrate general management for chest trauma. TRAUMA:CHEST:7
- 12.3.8 Understand, describe, and demonstrate knowledge of blunt trauma or closed chest injury. TRAUMA:CHEST:8
- 12.3.9 Understand, describe, and demonstrate knowledge of open chest injury. TRAUMA:CHEST:9
- 12.3.10 Consider age-related variations in pediatric and geriatric patients with regard to chest trauma. TRAUMA:CHEST:10

12.4 Performance Standard 12.4: Abdominal and Genitourinary Trauma TRAUMA:ABD

- 12.4.1 Understand, describe, and demonstrate knowledge of the incidence of morbidity and mortality. TRAUMA:ABD:1
- 12.4.2 Understand, describe, and demonstrate knowledge of anatomy. TRAUMA:ABD:2

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12.4.3 Understand, describe, and demonstrate knowledge of physiology. TRAUMA:ABD:3

12.4.4 Understand, describe, and demonstrate the knowledge of causes of abdominal trauma. TRAUMA:ABD:4

12.4.5 Understand, describe, and demonstrate management of specific injuries. TRAUMA:ABD:5

12.4.6 Understand, describe, and demonstrate general assessment and management. TRAUMA:ABD:6

12.4.8 Understand, describe, and demonstrate knowledge of special considerations of abdominal or genitourinary trauma. TRAUMA:ABD:7

12.4.7 Consider age-related variations in pediatric and geriatric patients with regard to abdominal and genitourinary trauma. TRAUMA:ABD:8

12.5 Performance Standard 12.5: Orthopedic Trauma TRAUMA:ORTHO

12.5.1 Understand, describe, and demonstrate knowledge of the incidence of morbidity and mortality, and mechanism of injury with pediatrics and geriatrics. TRAUMA:ORTHO:1

12.5.2 Understand, describe, and demonstrate knowledge of anatomy with regard to orthopedic trauma. TRAUMA:ORTHO:2

12.5.3 Understand, describe, and demonstrate knowledge of physiology with regard to orthopedic trauma. TRAUMA:ORTHO:3

12.5.4 Understand, describe, and demonstrate knowledge of mechanism of injury with regard to orthopedic trauma. TRAUMA:ORTHO:4

12.5.5 Understand, describe, and demonstrate knowledge of complications due to orthopedic trauma. TRAUMA:ORTHO:5

12.5.6 Understand, describe, and demonstrate knowledge of fractures. TRAUMA:ORTHO:6

12.5.7 Understand, describe, and demonstrate knowledge of dislocations. TRAUMA:ORTHO:7

12.5.8 Understand, describe, and demonstrate knowledge of sprains and strains. TRAUMA:ORTHO:8

12.5.9 Understand, describe, and demonstrate knowledge of pelvic fractures. TRAUMA:ORTHO:9

12.5.10 Understand, describe, and demonstrate knowledge of general assessment and management with regard to orthopedic trauma. TRAUMA:ORTHO:10

12.5.11 Understand, describe, and demonstrate knowledge of specific injuries. TRAUMA:ORTHO:11

12.5.12 Understand, describe, and demonstrate knowledge of types of splints. TRAUMA:ORTHO:12

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12.5.13 Consider age-related variations in pediatric and geriatric patients with regard to orthopedic trauma. TRAUMA:ORTHO:13

12.6 Performance Standard 12.6: Soft Tissue Trauma TRAUMA:SOFT

- 12.6.1 Understand, describe, and demonstrate knowledge of incidence of soft tissue injury. TRAUMA:SOFT:1
- 12.6.2 Understand, describe, and demonstrate knowledge of anatomy and physiology of soft tissue injury. TRAUMA:SOFT:2
- 12.6.3 Understand, describe, and demonstrate knowledge of closed soft tissue injury. TRAUMA:SOFT:3
- 12.6.4 Understand, describe, and demonstrate knowledge of open soft tissue injury. TRAUMA:SOFT:4
- 12.6.5 Understand, describe, and demonstrate knowledge of foreign body in the eye. TRAUMA:SOFT:5
- 12.6.6 Understand, describe, and demonstrate general assessment and management. TRAUMA:SOFT:6
- 12.6.7 Understand, describe, and demonstrate knowledge of incidence of burn injuries. TRAUMA:SOFT:7
- 12.6.8 Understand, describe, and demonstrate knowledge of anatomy and physiology of burns. TRAUMA:SOFT:8
- 12.6.9 Understand, describe, and demonstrate knowledge of complications of burn injuries. TRAUMA:SOFT:9
- 12.6.10 Understand, describe, and demonstrate general assessment and management of burn injuries. TRAUMA:SOFT:10
- 12.6.11 Understand, describe, and demonstrate knowledge of specific burn injury management considerations. TRAUMA:SOFT:11
- 12.6.12 Consider age-related variations in pediatric and geriatric patients with regard to soft tissue trauma. TRAUMA:SOFT:12

12.7 Performance Standard 12.7: Head, Facial, Neck, and Spine Trauma TRAUMA:HFNS

- 12.7.1 Understand, describe, and demonstrate knowledge of the incidence of injuries to the head, face, neck, and spine. TRAUMA:HFNS:1
- 12.7.2 Understand, describe, and demonstrate knowledge of the anatomy and physiology of the head, face, neck, and spine. TRAUMA:HFNS:2
- 12.7.3 Understand, describe, and demonstrate general patient assessment with regard to head, facial, neck, and spine trauma. TRAUMA:HFNS:3
- 12.7.4 Understand, describe, and demonstrate knowledge of specific injuries to the head, face, neck, and spine. TRAUMA:HFNS:4
- 12.7.5 Consider age-related variations in pediatric and geriatric patients with regard to head, facial, neck, and spine trauma. TRAUMA:HFNS:5

12.8 Performance Standard 12.8: Nervous System Trauma TRAUMA:NERVOUS

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- 12.8.1 Understand, describe, and demonstrate knowledge of the incidence of injuries to the nervous system. TRAUMA:NERVOUS:1

12.8.2 Understand, describe, and demonstrate knowledge of anatomy and physiology of the brain and spine. TRAUMA:NERVOUS:2

12.8.3 Understand, describe, and demonstrate general assessment considerations for brain trauma patients. TRAUMA:NERVOUS:3

12.8.4 Understand, describe, and demonstrate knowledge of spinal cord injuries. TRAUMA:NERVOUS:4

12.8.5 Consider age-related variations in pediatric and geriatric patients with regard to nervous system trauma. TRAUMA:NERVOUS:5

12.9 Performance Standard 12.9: Special Considerations in Trauma TRAUMA:SPEC

12.9.1 Understand, describe, and demonstrate knowledge of trauma in pregnancy. TRAUMA:SPEC:1

12.9.2 Understand, describe, and demonstrate knowledge of trauma in the pediatric patient. TRAUMA:SPEC:2

12.9.3 Understand, describe, and demonstrate knowledge of trauma in the elderly patient. TRAUMA:SPEC:3

12.9.4 Understand, describe, and demonstrate knowledge of trauma in the cognitively impaired patient. TRAUMA:SPEC:4

12.1 Performance Standard 12.10: Environmental Emergencies TRAUMA:ENVIRONMENTAL

12.10.1 Understand, describe, and demonstrate knowledge of submersion incidents. TRAUMA:ENVIRONMENTAL:1

12.10.2 Understand, describe, and demonstrate knowledge of temperature-related illness. TRAUMA:ENVIRONMENTAL:2

12.10.3 Understand, describe, and demonstrate knowledge of bites and envenomations. TRAUMA:ENVIRONMENTAL:3

12.10.4 Understand, describe, and demonstrate knowledge of diving emergencies. TRAUMA:ENVIRONMENTAL:4

12.10.5 Understand, describe, and demonstrate knowledge of electrical emergencies. TRAUMA:ENVIRONMENTAL:5

12.10.6 Understand, describe, and demonstrate knowledge of radiation emergencies. TRAUMA:ENVIRONMENTAL:6

12.10.7 Consider age-related variations in pediatric and geriatric patients related to environmental emergencies. TRAUMA:ENVIRONMENTAL:7

12.11 Performance Standard 12.11: Multi-System Trauma TRAUMA:MULTI

12.11.1 Understand, describe, and demonstrate knowledge of kinematics of trauma. TRAUMA:MULTI:1

12.11.2 Understand, describe, and demonstrate knowledge of multi-system trauma. TRAUMA:MULTI:2

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12.11.3 Understand, describe, and demonstrate knowledge of specific injuries related to multi-system trauma. TRAUMA:MULTI:3

CONTENT STANDARD 13.0: SPECIAL PATIENT POPULATIONS SPP

13.1 Performance Standard 13.1: Obstetrics SPP:OB

13.1.1 Understand, describe, and demonstrate knowledge of terms for special patient populations. SPP:OB:1

13.1.2 Understand, describe, and demonstrate knowledge of physiology related to obstetrics. SPP:OB:2

13.1.3 Understand, describe, and demonstrate knowledge of the general system physiology, assessment, and management related to obstetrics. SPP:OB:3

13.1.4 Understand, describe, and demonstrate knowledge of vaginal bleeding in the pregnant patient. SPP:OB:4

13.1.5 Understand, describe, and demonstrate knowledge of physical examination. SPP:OB:5

13.1.6 Understand, describe, and demonstrate knowledge of steps for normal delivery. SPP:OB:6

13.1.7 Understand, describe, and demonstrate knowledge of complications of pregnancy. SPP:OB:7

13.1.8 Understand, describe, and demonstrate knowledge of high-risk pregnancy: pathophysiology, assessment, complications, and management. SPP:OB:8

13.1.9 Understand, describe, and demonstrate knowledge of complications of labor: pathophysiology, assessment, complications, and management. SPP:OB:9

13.1.10 Understand, describe, and demonstrate knowledge of complications of delivery: pathophysiology, assessment, complications, and management. SPP:OB:10

13.1.11 Understand, describe, and demonstrate knowledge of postpartum complications: pathophysiology, assessment, complications, and management. SPP:OB:11

13.1.12 Understand, describe, and demonstrate knowledge of care for the mother. SPP:OB:12

13.2 Performance Standard 13.2: Neonatal Care SPP:NEONATE

13.2.1 Understand, describe, and demonstrate knowledge of initial care of the neonate. SPP:NEONATE:1

13.3 Performance Standard 13.3: Pediatrics SPP:PEDS

13.3.1 Understand, describe, and demonstrate knowledge of pediatric anatomy and physiology. SPP:PEDS:1

13.3.2 Understand, describe, and demonstrate knowledge of general considerations in pediatrics. SPP:PEDS:2

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13.3.3 Understand, describe, and demonstrate knowledge of assessment with regard to pediatric patients. SPP:PEDS:3

13.3.4 Understand, describe, and demonstrate knowledge of pediatric airway compared to an adult's. SPP:PEDS:4

13.3.5 Understand, describe, and demonstrate knowledge of pediatric chest and lungs compared to an adult's. SPP:PEDS:5

13.3.6 Understand, describe, and demonstrate knowledge of pediatric abdominal differences. SPP:PEDS:6

13.3.7 Understand, describe, and demonstrate knowledge of pediatric extremities compared to an adult's. SPP:PEDS:7

13.3.8 Understand, describe, and demonstrate knowledge of pediatric integumentary differences. SPP:PEDS:8

13.3.9 Understand, describe, and demonstrate knowledge of pediatric respiratory system compared to an adult's. SPP:PEDS:9

13.3.10 Understand, describe, and demonstrate knowledge of pediatric respiratory distress/failure/arrest. SPP:PEDS:10

13.3.11 Understand, describe, and demonstrate knowledge of the pediatric nervous system and spinal column compared to an adult's. SPP:PEDS:11

13.3.12 Understand, describe, and demonstrate knowledge of pediatric metabolic differences compared to an adult's. SPP:PEDS:12

13.3.13 Understand, describe, and demonstrate knowledge of pediatric growth and development. SPP:PEDS:13

13.3.14 Understand, describe, and demonstrate knowledge of pediatric seizures. SPP:PEDS:14

13.3.15 Understand, describe, and demonstrate knowledge of pediatric assessment and management. SPP:PEDS:15

13.4 Performance Standard 13.4: Geriatrics SPP:GERIATRIC

13.4.1 Understand, describe, and demonstrate knowledge of age-associated changes. SPP:GERIATRIC:1

13.4.2 Understand, describe, and demonstrate knowledge of assessment and care implications in geriatric patients. SPP:GERIATRIC:2

13.4.3 Understand, describe, and demonstrate knowledge of cardiovascular system anatomical and physiological age-associated changes and pathophysiology. SPP:GERIATRIC:3

13.4.4 Understand, describe, and demonstrate knowledge of respiratory system anatomical and physiological age-associated changes and pathophysiology. SPP:GERIATRIC:4

13.4.5 Understand, describe, and demonstrate knowledge of neurovascular system anatomical and physiological age-associated changes and pathophysiology. SPP:GERIATRIC:5

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13.4.6 Understand, describe, and demonstrate knowledge of gastrointestinal system anatomical and physiological age-associated changes and pathophysiology. SPP:GERIATRIC:6

13.4.7 Understand, describe, and demonstrate knowledge of genitourinary system anatomical and physiological age-associated changes and pathophysiology. SPP:GERIATRIC:7

13.4.8 Understand, describe, and demonstrate knowledge of endocrine system anatomical and physiological age-associated changes and pathophysiology. SPP:GERIATRIC:8

13.4.9 Understand, describe, and demonstrate knowledge of musculoskeletal system anatomical and physiological age-associated changes and pathophysiology. SPP:GERIATRIC:9

13.4.10 Understand, describe, and demonstrate knowledge of age-associated toxicological emergencies. SPP:GERIATRIC:10

13.4.11 Understand, describe, and demonstrate knowledge of age-associated sensory changes in the elderly. SPP:GERIATRIC:11

13.5 Performance Standard 13.5: Patients With Special Challenges SPP:SPP

13.5.1 Understand, describe, and demonstrate knowledge of recognizing, reporting, and managing abuse and neglect. SPP:SPP:1

13.5.2 Understand, describe, and demonstrate knowledge of homelessness/poverty. SPP:SPP:2

13.5.3 Understand, describe, and demonstrate knowledge of bariatric patients. SPP:SPP:3

13.5.4 Understand, describe, and demonstrate knowledge of technology assisted/dependent. SPP:SPP:4

13.5.5 Understand, describe, and demonstrate knowledge of hospice care and terminally ill. SPP:SPP:5

13.5.6 Understand, describe, and demonstrate knowledge of tracheostomy care. SPP:SPP:6

13.5.7 Understand, describe, and demonstrate knowledge of sensory deficits. SPP:SPP:7

13.5.8 Understand, describe, and demonstrate knowledge of home care. SPP:SPP:8

13.5.9 Understand, describe, and demonstrate knowledge of patients with developmental disability. SPP:SPP:9

CONTENT STANDARD 14.0 EMS OPERATIONS OPS

14.1 Performance Standard 14.1: Principles of Safely Operating a Ground Ambulance OPS:AMB

14.1.1 Understand, describe, and demonstrate knowledge of risks and responsibilities of emergency response. OPS:AMB:1

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14.2 Performance Standard 14.2: Incident Management OPS:IM

14.2.1 Understand, describe, and demonstrate knowledge working within the incident management system. OPS:IM:1

14.2.2 Complete the Incident Command System 100 (ICS 100) certification course. OPS:IM:2

14.2.3 Complete the National Incident Management System 700 (NIMS 700) certification course. OPS:IM:3

14.3 Performance Standard 14.3: Multiple Casualty Incidents (MCI) OPS:MCI

14.3.1 Understand, describe, and demonstrate knowledge of MCIs. OPS:MCI:1

14.3.2 Understand, describe, and demonstrate knowledge of triage. OPS:MCI:2

14.3.3 Understand, describe, and demonstrate knowledge of resource management related to MCIs. OPS:MCI:3

14.4 Performance Standard 14.4: Air Medical OPS:AIRMED

14.4.1 Understand, describe, and demonstrate knowledge of safe air medical operations. OPS:AIRMED:1

14.4.2 Understand, describe, and demonstrate knowledge of utilizing air medical response. OPS:AIRMED:2

14.4.3 Complete the Landing Zone Officer (LZO) certification course. OPS:AIRMED:3

14.5 Performance Standard 14.5: Vehicle Extrication OPS:EXTRICATION

14.5.1 Understand, describe, and demonstrate knowledge of safe vehicle extrication. OPS:EXTRICATION:1

14.5.2 Understand, describe, and demonstrate knowledge of use of simple hand tools. OPS:EXTRICATION:2

14.5.3 Understand, describe, and demonstrate knowledge of special considerations for patient care. OPS:EXTRICATION:3

14.5.4 Complete the Extrication Awareness (EA) certification course. OPS:EXTRICATION:4

14.6 Performance Standard 14.6: Hazardous Materials Awareness OPS:HAZMAT

14.6.1 Understand, describe, and demonstrate knowledge of risks and responsibilities of operating in a cold zone at a hazardous material or other special incident. OPS:HAZMAT:1

14.6.2 Complete the hazardous materials awareness certification course. OPS:HAZMAT:2

14.7 Performance Standard 14.7: Mass Casualty Incidents Due to Terrorism and Disaster OPS:MCI

14.7.1 Understand, describe, and demonstrate knowledge of risks and responsibilities of operating on the scene of a natural or man-made disaster. OPS:MCI:1

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CONTENT STANDARD 15.0: CLINICAL BEHAVIORS/JUDGEMENT CBJ

15.1 Performance Standard 15.1: Assessment CBJ:ASSESS

- 15.1.1 Demonstrate a simple assessment to identify life threats. CBJ:ASSESS:1
- 15.1.2 Identify injuries requiring immobilization and conditions requiring treatment within the emergency medical technician's (EMTs) scope of practice. CBJ:ASSESS:2
- 15.1.3 Perform a basic history and physical examination to identify acute complaints and monitor changes. CBJ:ASSESS:3
- 15.1.4 Identify the actual and potential complaints of emergency patients. CBJ:ASSESS:4

15.2 Performance Standard 15.2: Therapeutic Communication and Cultural Competency CBJ:TCCC

- 15.2.1 Understand and communicate to obtain and clearly transmit information with an awareness of cultural differences. CBJ:TCCC:1
- 15.2.2 Understand and demonstrate communication in a culturally sensitive manner. CBJ:TCCC:2

15.3 Performance Standard 15.3: Psychomotor Skills CBJ:PS

- 15.3.1 Demonstrate basic airway maneuvers. CBJ:PS:1
- 15.3.2 Insert oropharyngeal airway. CBJ:PS:2
- 15.3.3 Insert nasopharyngeal airway. CBJ:PS:3
- 15.3.4 Demonstrate Sellick's maneuver. CBJ:PS:4
- 15.3.5 Demonstrate positive pressure ventilation devices. CBJ:PS:5
- 15.3.6 Demonstrate suction of the upper airway. CBJ:PS:6
- 15.3.7 Demonstrate appropriate supplemental oxygen therapy. CBJ:PS:7
- 15.3.8 Demonstrate taking a manual blood pressure and using an automatic blood pressure machine. CBJ:PS:8
- 15.3.9 Demonstrate the use of pulse oximetry. CBJ:PS:9
- 15.3.10 Demonstrate the use of unit dose autoinjector. CBJ:PS:10
- 15.3.11 Demonstrate assisting patients in taking their own prescribed medications. CBJ:PS:11
- 15.3.12 Demonstrate administration of OTC medications with medical oversight. CBJ:PS:12
- 15.3.13 Demonstrate medical/cardiac care. CBJ:PS:13
- 15.3.14 Demonstrate manual and mechanical CPR. CBJ:PS:14
- 15.3.15 Demonstrate proper use of AED. CBJ:PS:15
- 15.3.16 Demonstrate assistance of a normal and complicated delivery. CBJ:PS:16
- 15.3.17 Demonstrate trauma care. CBJ:PS:17
- 15.3.18 Demonstrate manual stabilization and spinal immobilization. CBJ:PS:18

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15.3.19 Demonstrate bleeding control. CBJ:PS:19

15.3.20 Demonstrate emergency moves. CBJ:PS:20

15.3.21 Demonstrate eye irrigation. CBJ:PS:21

15.3.22 Demonstrate the proper use of a long spine board. CBJ:PS:22

15.3.23 Demonstrate rapid extrication. CBJ:PS:23

15.3.24 Demonstrate appropriate splinting. CBJ:PS:24

15.3.25 Demonstrate mechanical patient restraint. CBJ:PS:25

15.3.26 Demonstrate the proper use of a tourniquet. CBJ:PS:26

15.4 Performance Standard 15.4: Professionalism CBJ:PROF

15.4.1 Demonstrate professional dress and appearance in the workplace. CBJ:PROF:1

15.4.2 Demonstrate appropriate communication. CBJ:PROF:2

15.4.3 Describe the basic traits that make up professionalism. CBJ:PROF:3

15.5 Performance Standard 15.5: Decision Making CBJ:DECISIONS

15.5.1 Initiate simple interventions based on assessment findings. CBJ:DECISIONS:1

15.5.2 Initiate basic interventions intended to mitigate the emergency and provide limited symptom relief while providing access to definitive care. CBJ:DECISIONS:2

15.6 Performance Standard 15.6: Record Keeping CBJ:RECORDS

15.6.1 Record simple assessment findings and interventions. CBJ:RECORDS:1

15.6.2 Report and document assessment data and interventions. CBJ:RECORDS:2

15.7 Performance Standard 15.7: Patient Complaints CBJ:COMPLAINTS

15.7.1 Perform a patient assessment; provide pre-hospital emergency care, and transportation for patient complaints. CBJ:COMPLAINTS:1

15.8 Performance Standard 15.8: Scene Leadership CBJ:SCENE

15.8.1 Describe scene management until care is transferred to an EMS team member licensed at a higher level. CBJ:SCENE:1

15.8.2 Describe team member roles on an emergency call with more experienced personnel in a lead role. CBJ:SCENE:2

15.8.3 Serve as a team leader after additional training and/or experience. CBJ:SCENE:3

15.9 Performance Standard 15.9: Scene Safety CBJ:SS

15.9.1 Ensure the safety of the rescuer and others during an emergency. CBJ:SS:1

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CONTENT STANDARD 16.0: EDUCATIONAL INFRASTRUCTURE EI

16.1 Performance Standard 16.1: Hospital/Clinical Experience EI:CLINICALS

16.1.1 Observe Emergency Department (ED) operations for a period of time sufficient to gain an appreciation for the continuum of care. Perform ten patient assessments in an ED, ambulance, clinic, nursing home, doctor's office, etc. or on standardized patients if clinical settings are not available. EI:CLINICALS:1

16.2 Performance Standard 16.2: Field Experience EI:FIELD

16.2.1 Participate in and document patient contacts in a field experience approved by the medical director and program director. EI:FIELD:1

Standard