

Transition Course Gap Analysis: EMT-B to EMT

The Fisdap Transition courses were designed for EMS providers to transition from the National Standard Curriculum (NSC) to the National Education Standards (NES) as part of the EMS Education Agenda for the Future.

To build the curriculum for these courses, we used the Gap Analysis that was created by the National Association of State EMS Officials (NASEMSO). They determined, at a national level, what the "gap" of knowledge was between the "old" National Standard Curriculum and the "new" National Education Standards.

The key information outlined in the Gap Analysis comprises the training modules presented in these videos. The content is meant to be universal for all EMS providers and also follows the 2010 American Heart Association Guidelines. These videos may or may not follow your state or local guidelines, but they do meet the gap of knowledge that needs to be covered in order for EMS providers to transition.

Airway Management

Respiration and Oxygenation	Airway anatomy; airway assessment; techniques of assuring an open airway; age-related variation in airway anatomy; anatomy of the respiratory system; physiology of respiration; pathophysiology of respiration; assessment of respiratory status; respiratory management; supplemental oxygen therapy; age-related respiratory variation; assessment of ventilation status; oxygenation; ventilation management (adequate, inadequate, apneic); differentiating normal from positive pressure ventilation; age-related ventilation variation	Scott Tomek, MA, EMT-P
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Anatomy and Physiology

Elements of the Life Support Chain	Fundamental elements of the life support chain, including oxygenation, perfusion, and the cellular environment; composition of ambient air, airway patency; respiratory compromise; ventilation/perfusion mismatch; perfusion and shock, blood volume; myocardial effectiveness; microcirculation; blood pressure; alterations in cellular metabolism	Joseph Latt, EMT-P
		Mike Bowen, NREMT-P & Greg Sperl
ACLS Update and New Terminology	New terminology, ACLS update, specialty care such as STEMI and stroke	Charles Lick, MD

EMS Operations

Hazardous Materials	Hazardous Waste Operations and Emergency Response (HAZWOPER) First Responder Awareness Level	Jeff Lanenberg, EMT-P
Incident Management	Incident management system	
Mass Casualty Incidents Due to Terrorism/Disaster	Roles and responsibilities at the scene	
Principles of Safely Operating a Ground Ambulance	Safety issues during transport	

Medicine		
Abdominal and Gastrointestinal Disorders	Anatomy; assessment; management; gastrointestinal bleeding, peritonitis, ulcerative disease, age-related variations	David Page, MS, NREMT-P
Cardiovascular	Anatomy; physiology; pathophysiology; assessment; management; acute coronary syndrome; hypertensive emergencies; cardiogenic shock; aspirin administration;	David Hildebrandt, RN, CFRN, NREMT-P
Endocrine Disorders	Diabetes update	Steve Hagstrom, BA, NREMT-P
Genitourinary/Renal	Anatomy, physiology, pathophysiology; dialysis emergencies	Brad Wright, MS, NREMT-P
Hematology	Sickle cell disease	David Page, MS, NREMT-P
Infectious Disease	Updated information on methicillin resistant Staphylococcus aureus (MRSA), human immunodeficiency virus (HIV); cleaning and disinfecting ambulance equipment; decontaminating ambulance	Susan Long, MA, NREMT-P
Neurology	Stroke/TIA; stroke alert criteria	Karen Gozel, RN, BSN, CNRN
Psychiatric	Excited delirium; medical/legal considerations; use of medical restraint	Paul Satterlee, MD
Respiratory	Anatomy; assessment; management; specific respiratory conditions; metered-dose inhalers; small volume nebulizers; age-related variations	David Page, MS, NREMT-P

Patient Assessment		
All Sections	Orientation to new terminology	Printable Handout
Monitoring Devices	Pulse Oximetry	David Page, MS, NREMT-P

Preparatory		
EMS Systems	Patient safety; high risk activities; how errors happen; preventing errors, including medication administration safety (—rights of drug administration)	David Page, MS, NREMT-P
Medical/Legal/Ethics	Morals, ethics and ethical conflicts	Matthew Hill, BS, CCENT-P
Research	Importance of evidence-based decision making process	Marshall Washick, NREMT-P
Therapeutic Communication	Contains section on required affective/behavioral characteristics	Tia Radant, MS, NREMT-P

Shock And Resuscitation		
Shock	General shock; reasons for shock; mechanism of shock	David Page, MS, NREMT-P

Special Patient Populations		
Obstetrics	Complications of pregnancy	Patti McCauley, NREMT-P

Trauma		
Head, Facial, Neck and Spine	Assessment and management of neck, eye, dental; laryngeal injuries	David Page, MS, NREMT-P
Nervous System	Traumatic brain injuries	
Abdominal and Genitourinary	Incidence; anatomy; physiology; specific injuries; assessment; management	
Chest	Incidence; anatomy; physiology; pathophysiology; blunt or open trauma	Laura Contreras, MD, FACEP
Overview	Become familiar with the Centers for Disease Control (CDC) Field Triage Decision Scheme: The National Trauma Triage Protocol Centers for Disease Control (CDC) Field Triage Decision Scheme: The National Trauma Triage Protocol and trauma scoring	David Page, MS, NREMT-P
Pregnancy	Special considerations for trauma in pregnancy	Patti McCauley, NREMT-P
Elderly and Cognitively Impaired	Special considerations for trauma in the elderly and cognitively impaired	David Page, MS, NREMT-P