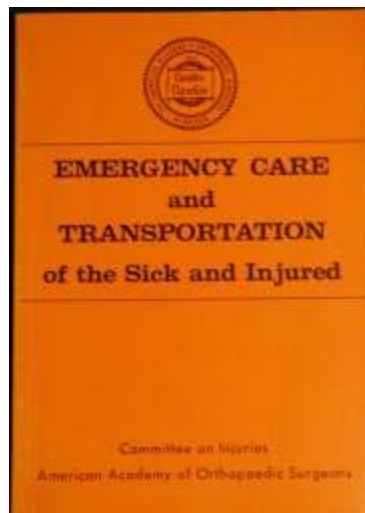


South Dakota Scope of Practice Guide
for
Advanced Life Support Personnel
EMT I/85, EMT-A, EMT I/99, EMT- P

Approved by the
South Dakota Board of Medical & Osteopathic Examiners
June 14, 2018



AAOS AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
AMERICAN ASSOCIATION OF ORTHOPAEDIC SURGEONS

In 1971, the AAOS published the first emergency medical technician (EMT) textbook, [*Emergency Care and Transportation of the Sick and Injured*](#), and laid the foundation for emergency medical services (EMS) training.²

¹ https://images-na.ssl-images-amazon.com/images/I/51hcrGX7TsL_SY291_BO1,204,203,200_QL40_.jpg accessed 6/21/2018

² <https://www.aaos.org/EMS/?ssopc=1> accessed 6/21/2018

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This booklet contains the scopes of practice for advanced life support (ALS) personnel in South Dakota. In order to work at any level of ALS, the individual must be licensed by the South Dakota Board of Medical and Osteopathic Examiners (SDBMOE). All ALS training programs must be approved in advance by the SDBMOE.

A South Dakota licensed physician medical director may limit the scope of practice/skills for any level of ALS personnel; however, the physician medical director may not expand the scope. All changes to any of the scopes of practice or skills must be approved in advance by the SDBMOE.

In South Dakota there is an emergency medical technician-student status level (EMT-SS) for individuals enrolled in ALS training programs.

The four advanced life support (ALS) license levels are as follows:

- emergency medical technician-intermediate/85 (I/85)
- emergency medical technician-advanced (EMT-A)
- emergency medical technician-intermediate/99 (I/99)
- emergency medical technician-paramedic (EMT-P)

The scope of practice for each level is part of a sequence that starts with the scope of an emergency medical technician (EMT). Then, each ALS license level is built upon the knowledge, skills, and competencies of the lower levels:

- the I/85 must meet all of the competencies of an EMT, as well as those specific to the entry-level I/85
- an EMT-A must meet all of the competencies of an EMT, and the I/85, as well as those specific to entry-level EMT-A
- an I/99 must meet all of the competencies of the EMT, I/85, and EMT-A, as well as those specific to entry –level I/99
- an EMT-P must meet all of the competencies of the EMT, I/85, EMT-A, and I/99, as well as those specific to entry –level EMT-P

ALS personnel must work under direct supervision of a South Dakota licensed physician except when responding to emergencies when they are allowed to work under protocols and indirect medical supervision. They can work on an ambulance service or in a facility licensed by the South Dakota Department of Health under SDCL 34-12, where they must be under direct supervision of a South Dakota licensed physician at all times. This typically takes place in the emergency department of a licensed facility.

A South Dakota facility licensed under SDCL 34-12 may limit the scope of practice/skills for any level of Advanced Life Support (ALS) personnel; however, they may not expand the scope. All changes to any of the scope of practice or skills must be approved by the SDBMOE.

EMT Scope of Practice**Airway / Ventilation / Oxygenation**

Airway - Mouth-to-Mouth

Airway - Mouth-to-Barrier

Airway - Mouth-to-Mask

Airway - Mouth-to-Nose

Airway - Mouth-to-Stoma

Airway - Nasopharyngeal

Airway - Oropharyngeal

Airway - Supraglottic Airway Device

Airway Obstruction - Manual

Head-Tilt / Chin-Lift

Jaw-Thrust

Jaw-Thrust - Modified

Bag Valve Mask (BVM)

CPAP

Chest Seal

Cricoid Pressure (Sellick)

Manual Airway Maneuvers

Oxygen Therapy - Tracheal Tube

Oxygen Therapy - Nebulizer

Oxygen Therapy - Nasal Cannula

Oxygen Therapy - Non-Rebreather Mask

Oxygen Therapy - Simple Face Mask & Partial NRB

Oxygen Therapy - Venturi Mask

Oxygen Therapy - Humidified

Pulse Oximetry

Suctioning - Upper Airway (soft & rigid)

Ventilators - Automated Transport Ventilator

Assessment Skills / Miscellaneous

Perform Patient Assessments

Obtain Vital Signs Manually or Electronically

Pulse Oximetry

Obtain Temperature

Obtain & Measure Blood Glucose

Assisted Delivery (Childbirth)

Eye Irrigation (Non Invasive)

Patient Physical Restraint Application

Cardiovascular / Circulation

12, 15, or 18 Lead EkG transmission (Mission LifeLine)

Cardiopulmonary Resuscitation (CPR)

Use of mechanical CPR Assist Devices

Defibrillation - AED

Hemorrhage Control - Direct Pressure

Hemorrhage Control - Pressure Point

Hemorrhage Control - Tourniquet

Trauma Care
Spinal immobilization - Cervical Collar
Spinal Immobilization - Long Board
Spinal Immobilization - Manual Stabilization
Spinal Immobilization - Seated Patient (KED, etc.)
Spine Motion Restriction
Splinting - Manual
Splinting - Pelvic Wrap / PASG (Only used for Splinting)
Splinting - Rigid
Splinting - Soft
Splinting - Traction
Splinting - Vacuum
Emergency Moves for Endangered Patient
Rapid Extrication of Patient
May Assist Patient with Patient Prescription
Inhaler
Nitroglycerin
Medication Administration Routes
Aerosolized
Auto-Injector or Nasal Spray
Buccal
Oral (PO)
Sublingual (SL)
Medication List
Activated Charcoal (EZ-Char, Actidose, Liqui-Char)
Aspirin (ASA)
Epinephrine 0.15mg Auto Injector (Epi-Pen Jr)
Epinephrine 0.3mg Auto Injector (Epi-Pen)
MARK I Kit :Use of unit dose commercially pre-filled containers or auto injectors for the administration of life saving medications intended for self, peer, or patient rescue after exposure to nerve agents(s)
Naloxone Hydrochloride (Narcan) Auto Injector or Nasal Spray Route
Oral Glucose
Oxygen

A South Dakota licensed physician medical director may limit the scope of practice/skills for any level of Advanced Life Support (ALS) personnel; however, they may not expand the scope.

All changes to any of the scope of practice or skills must be approved by the SDBMOE.

EMT-I/85 Scope of Practice

Airway / Ventilation / Oxygenation

Airway - Mouth-to-Mouth

Airway - Mouth-to-Barrier

Airway - Mouth-to-Mask

Airway - Mouth-to-Nose

Airway - Mouth-to-Stoma

Airway - Nasopharyngeal

Airway - Oropharyngeal

Airway - Supraglottic Airway Device

Airway Obstruction - Manual

Head-Tilt / Chin-Lift

Jaw-Thrust

Jaw-Thrust - Modified

Bag Valve Mask (BVM)

CPAP

Chest Seal

Cricoid Pressure (Sellick)

Manual Airway Maneuvers

Oxygen Therapy - Tracheal Tube

Oxygen Therapy - Nebulizer

Oxygen Therapy - Nasal Cannula

Oxygen Therapy - Non-Rebreather Mask

Oxygen Therapy - Simple Face Mask & Partial NRB

Oxygen Therapy - Venturi Mask

Oxygen Therapy - Humidified

Pulse Oximetry

Suctioning - Upper Airway (soft & rigid)

Ventilators - Automated Transport Ventilator

Assessment Skills / Miscellaneous

Perform Patient Assessments

Obtain Vital Signs Manually or Electronically

Pulse Oximetry

Obtain Temperature

Obtain & Measure Blood Glucose

Assisted Delivery (Childbirth)

Eye Irrigation (Non Invasive)

Patient Physical Restraint Application

Venous Blood Sampling (Obtaining)

Cardiovascular / Circulation
12, 15, or 18 Lead EkG transmission (Mission LifeLine)
Cardiopulmonary Resuscitation (CPR)
Use of mechanical CPR Assist Devices
Defibrillation - AED
Hemorrhage Control - Direct Pressure
Hemorrhage Control - Pressure Point
Hemorrhage Control - Tourniquet
Trauma Care
Spinal immobilization - Cervical Collar
Spinal Immobilization - Long Board
Spinal Immobilization - Manual Stabilization
Spinal Immobilization - Seated Patient (KED, etc.)
Spine Motion Restriction
Splinting - Manual
Splinting - Pelvic Wrap / PASG (Only used for Splinting)
Splinting - Rigid
Splinting - Soft
Splinting - Traction
Splinting - Vacuum
Emergency Moves for Endangered Patient
Rapid Extrication of Patient
May Assist Patient with Patient Prescription
Inhaler
Nitroglycerin
Medication Administration Routes
Aerosolized
Auto-Injector or Nasal Spray
Buccal
Intravenous (IV)
Oral (PO)
Sublingual (SL)
Initiation / Maintenance / Fluids
Non-Medicated IV Fluids
Crystalloid IV Solution
Hypertonic Dextrose IV Solution
IV Pump (85 and A: approved IV solutions only)
Peripheral
Saline Lock

Medication List
Activated Charcoal (EZ-Char, Actidose, Liqui-Char)
Aspirin (ASA)
Epinephrine 0.15mg Auto Injector (Epi-Pen Jr)
Epinephrine 0.3mg Auto Injector (Epi-Pen)
MARK I Kit :Use of unit dose commercially pre-filled containers or auto injectors for the administration of life saving medications intended for self, peer, or patient rescue after exposure to nerve agents(s)
Naloxone Hydrochloride (Narcan) Auto Injector or Nasal Spray Route
Oral Glucose
Oxygen
IV Solutions
Lactated Ringers (LR)
5% Dextrose in Water (D5W)
0.9% Sodium Chloride (Normal Saline)

A South Dakota licensed physician medical director may limit the scope of practice/skills for any level of Advanced Life Support (ALS) personnel; however, they may not expand the scope.

All changes to any of the scope of practice or skills must be approved by the SDBMOE.

EMT-A Scope of Practice

Airway / Ventilation / Oxygenation

Airway - Mouth-to-Mouth
Airway - Mouth-to-Barrier
Airway - Mouth-to-Mask
Airway - Mouth-to-Nose
Airway - Mouth-to-Stoma
Airway - Nasopharyngeal
Airway - Oropharyngeal
Airway - Supraglottic Airway Device
Airway Obstruction - Manual
Head-Tilt / Chin-Lift
Jaw-Thrust
Jaw-Thrust - Modified
Bag Valve Mask (BVM)
CPAP
Chest Seal
Cricoid Pressure (Sellick)
Manual Airway Maneuvers
Oxygen Therapy - Tracheal Tube
Oxygen Therapy - Nebulizer
Oxygen Therapy - Nasal Cannula
Oxygen Therapy - Non-Rebreather Mask
Oxygen Therapy - Simple Face Mask & Partial NRB
Oxygen Therapy - Venturi Mask
Oxygen Therapy - Humidified
Pulse Oximetry
Suctioning - Upper Airway (soft & rigid)
Suctioning - Tracheobronchial
Ventilators - Automated Transport Ventilator

Assessment Skills / Miscellaneous

Perform Patient Assessments
Obtain Vital Signs Manually or Electronically
Pulse Oximetry
Obtain Temperature
Obtain & Measure Blood Glucose
Assisted Delivery (Childbirth)
Eye Irrigation (Non Invasive)
Patient Physical Restraint Application
Venous Blood Sampling (Obtaining)

Cardiovascular / Circulation
12, 15, or 18 Lead EkG transmission (Mission LifeLine)
Cardiopulmonary Resuscitation (CPR)
Use of mechanical CPR Assist Devices
Defibrillation - AED
Hemorrhage Control - Direct Pressure
Hemorrhage Control - Pressure Point
Hemorrhage Control - Tourniquet
Trauma Care
Spinal immobilization - Cervical Collar
Spinal Immobilization - Long Board
Spinal Immobilization - Manual Stabilization
Spinal Immobilization - Seated Patient (KED, etc.)
Spine Motion Restriction
Splinting - Manual
Splinting - Pelvic Wrap / PASG (Only used for Splinting)
Splinting - Rigid
Splinting - Soft
Splinting - Traction
Splinting - Vacuum
Emergency Moves for Endangered Patient
Rapid Extrication of Patient
Medication Administration Routes
Aerosolized
Auto-Injector or Nasal Spray
Buccal
Intramuscular (IM)
Intraosseous (IO)
Intravenous (IV)
Intravenous - Push/Bolus
Inhaled - Self-Administered (Nitrous Oxide)
Nebulizer
Oral (PO)
Subcutaneous (SQ)
Sublingual (SL)

Initiation / Maintenance / Fluids
Non-Medicated IV Fluids
Crystalloid IV Solution
Hypertonic Dextrose IV Solution
IV Pump (85 and A: approved IV solutions only)
Intraosseous
Peripheral
Saline Lock
Medication List
Acetaminophen (Tylenol)
Activated Charcoal (EZ-Char, Actidose, Liqui-Char)
Albuterol (Proventil, Ventolin)
Aspirin (ASA)
Dextrose (Glucose, D50, D25, D10)
Diphenhydramine (Benadryl)
Epinephrine 0.15mg Auto Injector (Epi-Pen Jr)
Epinephrine 0.3mg Auto Injector (Epi-Pen)
Epinephrine (Adrenalin) 1:1,000
Epinephrine Racemic (Micronefrin)
Glucagon (GlucaGen)
Ibuprofen (Motrin)
Ipratropium (Atrovent)
MARK I Kit :Use of unit dose commercially pre-filled containers or auto injectors for the administration of life saving medications intended for self, peer, or patient rescue after exposure to nerve agents(s)
Metaproterenol Sulfate (Alupent)
Naloxone Hydrochloride (Narcan) Auto Injector or Nasal Spray Route
Nitroglycerin (Nitrostat, Tridil)
Nitropaste (Nitro-Bid Ointment)
Nitrous Oxide 50:50 (Nitronox)
Ondansetron Hydrochloride (Zofran)
Oral Glucose (Insta-Glucose)
Oxygen
Thiamine (Betaxin)
IV Solutions
Lactated Ringers (LR)
5% Dextrose in Water (D5W)
0.9% Sodium Chloride (Normal Saline)
0.45% Sodium Chloride (1/2 Normal Saline)
5% Dextrose in 0.9% Sodium Chloride (D5NS)
5% Dextrose in Lactated Ringers (D5LR)

A South Dakota licensed physician medical director may limit the scope of practice/skills for any level of Advanced Life Support (ALS) personnel; however, they may not expand the scope.

All changes to any of the scope of practice or skills must be approved by the SDBMOE.

EMT-I/99 Scope of Practice

Airway / Ventilation / Oxygenation

Airway - Mouth-to-Mouth
Airway - Mouth-to-Barrier
Airway - Mouth-to-Mask
Airway - Mouth-to-Nose
Airway - Mouth-to-Stoma
Airway - Nasopharyngeal
Airway - Oropharyngeal
Airway - Supraglottic Airway Device
Airway Obstruction - Forceps & Laryngoscope
Airway Obstruction - Manual
Head-Tilt / Chin-Lift
Jaw-Thrust
Jaw-Thrust - Modified
Bag Valve Mask (BVM)
CPAP
Capnography - End Tidal CO2 Monitoring
Chest Decompression - Needle
Chest Seal
Cricoid Pressure (Sellick)
Gastric Decompression - For non-visualized Airway with
Gastric Access
Gastric Decompression - NG/OG Tube
Intubation - Endotracheal
Intubation - Medication Assisted (non-paralytic)
Intubation - Nasotracheal
Manual Airway Maneuvers
Oxygen Therapy - Tracheal Tube
Oxygen Therapy - Nebulizer
Oxygen Therapy - Nasal Cannula
Oxygen Therapy - Non-Rebreather Mask
Oxygen Therapy - Simple Face Mask & Partial NRB
Oxygen Therapy - Venturi Mask
Oxygen Therapy - Humidified
Pulse Oximetry
Suctioning - Upper Airway (soft & rigid)
Suctioning - Tracheobronchial
Ventilators - Automated Transport Ventilator

Assessment Skills / Miscellaneous

Perform Patient Assessments
Obtain Vital Signs Manually or Electronically
Pulse Oximetry
Obtain Temperature
Obtain & Measure Blood Glucose
Assisted Delivery (Childbirth)
Eye Irrigation (Non Invasive)
Patient Physical Restraint Application
Venous Blood Sampling (Obtaining)

Cardiovascular / Circulation

3, 4, 12, 15 or 18 Lead EKG Monitoring / Interpretation
12, 15, or 18 Lead EKG transmission (Mission LifeLine)
Blood & Blood Product Monitoring
Cardiopulmonary Resuscitation (CPR)
Use of mechanical CPR Assist Devices
Cardioversion - Electrical
Defibrillation - AED
Defibrillation - Manual
Valsalva Maneuver
Transcutaneous Cardiac Pacing
Hemorrhage Control - Direct Pressure
Hemorrhage Control - Pressure Point
Hemorrhage Control - Tourniquet

Trauma Care

Spinal immobilization - Cervical Collar
Spinal Immobilization - Long Board
Spinal Immobilization - Manual Stabilization
Spinal Immobilization - Seated Patient (KED, etc.)
Spine Motion Restriction
Splinting - Manual
Splinting - Pelvic Wrap / PASG (Only used for Splinting)
Splinting - Rigid
Splinting - Soft
Splinting - Traction
Splinting - Vacuum
Emergency Moves for Endangered Patient
Rapid Extrication of Patient

Medication Administration Routes
Aerosolized
Auto-Injector or Nasal Spray
Buccal
Endotracheal Tube (ET)
Intramuscular (IM)
Intraosseous (IO)
Intravenous (IV)
Intravenous - Piggyback
Intravenous - Push/Bolus
Inhaled - Self-Administered (Nitrous Oxide)
Nebulizer
Oral (PO)
Rectal
Subcutaneous (SQ)
Sublingual (SL)
Transdermal
Initiation / Maintenance / Fluids
Medicated IV Fluids: May continue medicated IV infusions/drips for non-ALS medications
Non-Medicated IV Fluids
Crystalloid IV Solution
Hypertonic Dextrose IV Solution
IV Pump (85 and A: approved IV solutions only)
Intraosseous
Peripheral
Saline Lock
Medication List
Acetaminophen (Tylenol)
Activated Charcoal (EZ-Char, Actidose, Liqui-Char)
Adenosine (Adenocard)
Albuterol (Proventil, Ventolin)
Amiodarone (Cordarone, Pacerone)
Aspirin (ASA)
Atropine Sulfate
Dextrose (Glucose, D50, D25, D10)
Diazepam (Valium)
Digoxin (Lanoxin)
Diltiazem (Cardizem)
Diphenhydramine (Benadryl)
Dopamine Hydrochloride (Intropin)
Epinephrine 0.15mg Auto Injector (Epi-Pen Jr)
Epinephrine 0.3mg Auto Injector (Epi-Pen)
Epinephrine (Adrenalin) 1:1,000
Epinephrine (Adrenalin) 1:10,000
Epinephrine Racemic (Micronefrin)
Furosemide (Lasix)
Glucagon (GlucaGen)

Ibuprofen (Motrin)
Ipratropium (Atrovent)
Labetalol (Normodyne, Trandate)
Lidocaine Hydrochloride (Xylocaine)
Magnesium Sulfate
MARK I Kit :Use of unit dose commercially pre-filled containers or auto injectors for the administration of life saving medications intended for self, peer, or patient rescue after exposure to nerve agents(s)
Metaproterenol Sulfate (Alupent)
Morphine Sulfate (Roxanol, MS Contin)
Naloxone Hydrochloride (Narcan)
Naloxone Hydrochloride (Narcan) Auto Injector or Nasal Spray Route
Nicardipine (Cardene)
Nitroglycerin (Nitrostat, Tridil)
Nitropaste (Nitro-Bid Ointment)
Nitroprusside (Nitropress)
Nitrous Oxide 50:50 (Nitronox)
Ondansetron Hydrochloride (Zofran)
Oral Glucose (Insta-Glucose)
Oxygen
Reglan (Metoclopramide)
Sodium Bicarbonate
Terbutaline Sulfate (Brethine)
Thiamine (Betaxin)
TXA (Tranexamic Acid)
Vasopressin (Pitressin)
Verapamil Hydrochloride (Isoptin, Calan)
IV Solutions
Lactated Ringers (LR)
5% Dextrose in Water (D5W)
0.9% Sodium Chloride (Normal Saline)
0.45% Sodium Chloride (1/2 Normal Saline)
5% Dextrose in 0.9% Sodium Chloride (D5NS)
5% Dextrose in Lactated Ringers (D5LR)

A South Dakota licensed physician medical director may limit the scope of practice/skills for any level of Advanced Life Support (ALS) personnel; however, they may not expand the scope.

All changes to any of the scope of practice or skills must be approved by the SDBMOE.

EMT-Paramedic Scope of Practice

Airway / Ventilation / Oxygenation

Airway - Mouth-to-Mouth

Airway - Mouth-to-Barrier

Airway - Mouth-to-Mask

Airway - Mouth-to-Nose

Airway - Mouth-to-Stoma

Airway - Nasopharyngeal

Airway - Oropharyngeal

Airway - Supraglottic Airway Device

Airway Obstruction - Forceps & Laryngoscope

Airway Obstruction - Manual

Head-Tilt / Chin-Lift

Jaw-Thrust

Jaw-Thrust - Modified

Bag Valve Mask (BVM)

BiPAP

CPAP

Capnography - End Tidal CO2 Monitoring

Chest Decompression - Needle

Chest Seal

Cricoid Pressure (Sellick)

Cricothyrotomy - Surgical/Needle

Gastric Decompression - For non-visualized Airway with gastric access

Gastric Decompression - NG/OG Tube

Intubation - Endotracheal

Intubation - Medication Assisted (non-paralytic)

Intubation - Medication Assisted (Paralytic, RSI) includes the following medications: Etomidate (Amidate), Pancuronium, Bromide (Pavulon), Rocuronium Bromide (Zemuron), Succinylcholine Chloride (Anectine), and Vecuronium Bromide (Norcuron).

Intubation - Nasotracheal

Manual Airway Maneuvers

Oxygen Therapy - Tracheal Tube

Oxygen Therapy - Nebulizer

Oxygen Therapy - Nasal Cannula

Oxygen Therapy - Non-Rebreather Mask

Oxygen Therapy - Simple Face Mask & Partial NRB

Oxygen Therapy - Venturi Mask

Oxygen Therapy - Humidified

Pulse Oximetry

Suctioning - Upper Airway (soft & rigid)

Suctioning - Tracheobronchial

Ventilators - Automated Transport Ventilator

Ventilators - Variable Setting

Assessment Skills / Miscellaneous

Perform Patient Assessments

Obtain Vital Signs Manually or Electronically

Pulse Oximetry

Obtain Temperature

Obtain & Measure Blood Glucose

Assisted Delivery (Childbirth)

Chest Tube Monitoring

Eye Irrigation (Non-Invasive)

Patient Physical Restraint Application

Venous Blood Sampling (Obtaining)

Cardiovascular / Circulation

3, 4, 12, 15 or 18 Lead EkG Monitoring / Interpretation

12, 15, or 18 Lead EkG transmission (Mission LifeLine)

Blood & Blood Product Monitoring

Cardiocerebral Resuscitation (CCR)

Cardiopulmonary Resuscitation (CPR)

Use of mechanical CPR Assist Devices

Cardioversion - Electrical

Defibrillation - AED

Defibrillation - Manual

Valsalva Maneuver

Transcutaneous Cardiac Pacing

Hemorrhage Control - Direct Pressure

Hemorrhage Control - Pressure Point

Hemorrhage Control - Tourniquet

Trauma Care

Spinal immobilization - Cervical Collar

Spinal Immobilization - Long Board

Spinal Immobilization - Manual Stabilization

Spinal Immobilization - Seated Patient (KED, etc.)

Spine Motion Restriction

Splinting - Manual

Splinting - Pelvic Wrap / PASG (Only used for Splinting)

Splinting - Rigid

Splinting - Soft

Splinting - Traction

Splinting - Vacuum

Emergency Moves for Endangered Patient

Rapid Extrication of Patient

Medication Administration Routes
Aerosolized
Auto-Injector or Nasal Spray
Buccal
Endotracheal Tube (ET)
Intramuscular (IM)
Intraosseous (IO)
Intravenous (IV)
Intravenous - Piggyback
Intravenous - Push/Bolus
Inhaled - Self-Administered (Nitrous Oxide)
Nasogastric
Nebulizer
Oral (PO)
Rectal
Subcutaneous (SQ)
Sublingual (SL)
Transdermal
Initiation / Maintenance / Fluids
Central Line - Monitoring Only
Medicated IV Fluids: May continue medicated IV infusion/drips for non-ALS medications
Non-Medicated IV Fluids
Crystalloid IV Solution
Hypertonic Dextrose IV Solution
Maintain an Infusion of Blood or Blood Product
IV Pump (85 and A: approved IV solutions only)
Intraosseous
Umbilical - Initiation & Use
Peripheral
PICC Line - Use and Maintenance
Saline Lock
Medication List
Acetaminophen (Tylenol)
Activated Charcoal (EZ-Char, Actidose, Liqui-Char)
Adenosine (Adenocard)
Albuterol (Proventil, Ventolin)
Amiodarone (Cordarone, Pacerone)
Amyl Nitrite
Aspirin (ASA)
Atenolol (Tenormin)
Atropine Sulfate
Benzocaine Spray
Bumetanide (Bumex)
Calcium Chloride
Calcium Gluconate
Clopidogrel (Plavix)
Dexamethasone Sodium Phosphate (Decadron)
Dextrose (Glucose, D50, D25, D10)
Diazepam (Valium)
Digoxin (Lanoxin)
Diltiazem (Cardizem)

Diphenhydramine (Benadryl)
Dobutamine Hydrochloride (Dobutrex)
Dolasetron (Anzemet)
Dopamine Hydrochloride (Intropin)
Epinephrine 0.15mg Auto Injector (Epi-Pen Jr)
Epinephrine 0.3mg Auto Injector (Epi-Pen)
Epinephrine (Adrenalin) 1:1,000
Epinephrine (Adrenalin) 1:10,000
Epinephrine Racemic (Micronefrin)
Eptifibatide (Integrilin)
Fentanyl Citrate (Sublimaze)
Flumazenil (Romazicon)
Fosphenytoin (Cerebyx)
Furosemide (Lasix)
Glucagon (GlucaGen)
Haloperidol Lactate (Haldol)
Hydrocortisone Sodium Succinate (Solu-Cortef)
Hydroxocobalamin (Cyanokit)
Hydroxyzine (Atarax, Vistaril)
Ibuprofen (Motrin)
Ipratropium (Atrovent)
Isoetharine (Bronchosol, Bronkometer)
Ketamine (Ketalar)
Ketorolac Tromethamine (Toradol)
Labetalol (Normodyne, Trandate)
Levalbuterol (Xopenex)
Lidocaine Hydrochloride (Xylocaine)
Lorazepam (Ativan)
Magnesium Sulfate
Mannitol (Osmitrol)
MARK I Kit :Use of unit dose commercially pre-filled containers or auto injectors for the administration of life saving medications intended for self, peer, or patient rescue after exposure to nerve agents(s)
Meperidine Hydrochloride (Demerol)
Metaproterenol Sulfate (Alupent)
Methylprednisone Sodium Succinate (Solu-Medrol)
Metoprolol Tartrate (Lopressor)
Midazolam Hydrochloride (Versed)
Morphine Sulfate (Roxanol, MS Contin)
Nalbuphine Hydrochloride (Nubain)
Naloxone Hydrochloride (Narcan)
Naloxone Hydrochloride (Narcan) Auto Injector or Nasal Spray Route
Nicardipine (Cardene)
Nifedipine (Procardia, Adalat)
Nitroglycerin (Nitrostat, Tridil)
Nitropaste (Nitro-Bid Ointment)
Nitroprusside (Nitropress)
Nitrous Oxide 50:50 (Nitronox)
Norepinephrine Bitartrate (Levophed)
Ondansetron Hydrochloride (Zofran)
Oral Glucose (Insta-Glucose)
Oxygen
Oxytocin (Pitocin)
Phenobarbital (Luminal)

Phenytoin (Dilantin)
Pralidoxime (2-PAM, Protopam)
Procainamide Hydrochloride (Pronestyl)
Promethazine Hydrochloride (Phenergan)
Propranolol Hydrochloride (Inderal)
Reglan (Metoclopramide)
Sodium Bicarbonate
Sodium Nitrate
Sodium Thiosulfate
Terbutaline Sulfate (Brethine)
Thiamine (Betaxin)
TXA (Tranexamic Acid)
Vasopressin (Pitressin)
Verapamil Hydrochloride (Isoptin, Calan)
IV Solutions
Hetastarch (Hespan)
Lactated Ringers (LR)
5% Dextrose in Water (D5W)
0.9% Sodium Chloride (Normal Saline)
0.45% Sodium Chloride (1/2 Normal Saline)
5% Dextrose in 0.9% Sodium Chloride (D5NS)
5% Dextrose in Lactated Ringers (D5LR)

A South Dakota licensed physician medical director may limit the scope of practice/skills for any level of Advanced Life Support (ALS) personnel; however, they may not expand the scope.

All changes to any of the scope of practice or skills must be approved by the

Scope of Practice -All Levels

Airway / Ventilation / Oxygenation	Levels				
Airway - Mouth-to-Mouth	E	85	A	99	P
Airway - Mouth-to-Barrier	E	85	A	99	P
Airway - Mouth-to-Mask	E	85	A	99	P
Airway - Mouth-to-Nose	E	85	A	99	P
Airway - Mouth-to-Stoma	E	85	A	99	P
Airway - Nasopharyngeal	E	85	A	99	P
Airway - Oropharyngeal	E	85	A	99	P
Airway - Supraglottic Airway Device	E	85	A	99	P
Airway Obstruction - Forceps & Laryngoscope				99	P
Airway Obstruction - Manual	E	85	A	99	P
Head-Tilt / Chin-Lift	E	85	A	99	P
Jaw-Thrust	E	85	A	99	P
Jaw-Thrust - Modified	E	85	A	99	P
Bag Valve Mask (BVM)	E	85	A	99	P
BiPAP					P
CPAP	E	85	A	99	P
Capnography - End Tidal CO2 Monitoring				99	P
Chest Decompression - Needle				99	P
Chest Seal	E	85	A	99	P
Cricoid Pressure (Sellick)	E	85	A	99	P
Cricothyrotomy - Surgical/Needle					P
Gastric Decompression - For non-visualized Airway with Gastric Access				99	P
Gastric Decompression - NG/OG Tube				99	P
Intubation - Endotracheal				99	P
Intubation - Medication Assisted (non-paralytic)				99	P
Intubation - Medication Assisted (Paralytic, RSI) includes the following medications: Etomidate (Amidate), Pancuronium, Bromide (Pavulon), Rocuronium Bromide (Zemuron), Succinylcholine Chloride (Anectine), and Vecuronium Bromide (Norcuron).					P
Intubation - Nasotracheal				99	P
Manual Airway Maneuvers	E	85	A	99	P
Oxygen Therapy - Tracheal Tube	E	85	A	99	P
Oxygen Therapy - Nebulizer	E	85	A	99	P
Oxygen Therapy - Nasal Cannula	E	85	A	99	P
Oxygen Therapy - Non-Rebreather Mask	E	85	A	99	P
Oxygen Therapy - Simple Face Mask & Partial NRB	E	85	A	99	P
Oxygen Therapy - Venturi Mask	E	85	A	99	P
Oxygen Therapy - Humidified	E	85	A	99	P
Pulse Oximetry	E	85	A	99	P
Suctioning - Upper Airway (soft & rigid)	E	85	A	99	P
Suctioning - Tracheobronchial			A	99	P
Ventilators - Automated Transport Ventilator	E	85	A	99	P
Ventilators - Variable Setting					P

Assessment Skills / Miscellaneous		Levels			
Perform Patient Assessments	E	85	A	99	P
Obtain Vital Signs Manually or Electronically	E	85	A	99	P
Pulse Oximetry	E	85	A	99	P
Obtain Temperature	E	85	A	99	P
Obtain & Measure Blood Glucose	E	85	A	99	P
Assisted Delivery (Childbirth)	E	85	A	99	P
Chest Tube Monitoring					P
Eye Irrigation (Non Invasive)	E	85	A	99	P
Patient Physical Restraint Application	E	85	A	99	P
Venous Blood Sampling (Obtaining)		85	A	99	P
Cardiovascular / Circulation		Levels			
3, 4, 12, 15 or 18 Lead EkG Monitoring / Interpretation				99	P
12, 15, or 18 Lead EkG transmission (Mission LifeLine)	E	85	A	99	P
Blood & Blood Product Monitoring				99	P
Cardiocerebral Resuscitation (CCR)					P
Cardiopulmonary Resuscitation (CPR)	E	85	A	99	P
Use of mechanical CPR Assist Devices	E	85	A	99	P
Cardioversion - Electrical				99	P
Defibrillation - AED	E	85	A	99	P
Defibrillation - Manual				99	P
Valsalva Maneuver				99	P
Transcutaneous Cardiac Pacing				99	P
Hemorrhage Control - Direct Pressure	E	85	A	99	P
Hemorrhage Control - Pressure Point	E	85	A	99	P
Hemorrhage Control - Tourniquet	E	85	A	99	P
Trauma Care		Levels			
Spinal immobilization - Cervical Collar	E	85	A	99	P
Spinal Immobilization - Long Board	E	85	A	99	P
Spinal Immobilization - Manual Stabilization	E	85	A	99	P
Spinal Immobilization - Seated Patient (KED, etc.)	E	85	A	99	P
Spine Motion Restriction	E	85	A	99	P
Splinting - Manual	E	85	A	99	P
Splinting - Pelvic Wrap / PASG (only used for splinting)	E	85	A	99	P
Splinting - Rigid	E	85	A	99	P
Splinting - Soft	E	85	A	99	P
Splinting - Traction	E	85	A	99	P
Splinting - Vacuum	E	85	A	99	P
Emergency Moves for Endangered Patient	E	85	A	99	P
Rapid Extrication of Patient	E	85	A	99	P
May Assist Patient with Patient Prescription		Levels			
Inhaler	E	85	A	99	P
Nitroglycerin	E	85	A	99	P
Oral Glucose	E	85	A	99	P

Medication Administration Routes	Levels				
Aerosolized	E	85	A	99	P
Auto-Injector or Nasal Spray	E	85	A	99	P
Buccal	E	85	A	99	P
Endotracheal Tube (ET)				99	P
Intramuscular (IM)			A	99	P
Intraosseous (IO)			A	99	P
Intravenous (IV)		85	A	99	P
Intravenous - Piggyback				99	P
Intravenous - Push/Bolus			A	99	P
Inhaled - Self-Administered (Nitrous Oxide)			A	99	P
Nasogastric					P
Nebulizer			A	99	P
Oral (PO)	E	85	A	99	P
Rectal				99	P
Subcutaneous (SQ)			A	99	P
Sublingual (SL)	E	85	A	99	P
Transdermal				99	P
Initiation / Maintenance / Fluids	Levels				
Central Line - Monitoring Only					P
Medicated IV Fluids: may continue medicated IV infusions/drips for non-ALS medications				99	P
Non-Medicated IV Fluids		85	A	99	P
Crystalloid IV Solution		85	A	99	P
Hypertonic Dextrose IV Solution		85	A	99	P
Maintain an Infusion of Blood or Blood Product					P
IV Pump (85 and A: approved IV solutions only)		85	A	99	P
Intraosseous			A	99	P
Umbilical - Initiation & Use					P
Peripheral		85	A	99	P
PICC Line - Use and Maintenance					P
Saline Lock		85	A	99	P
Medication List	Levels				
Acetaminophen (Tylenol)			A	99	P
Activated Charcoal (EZ-Char, Actidose, Liqui-Char)	E	85	A	99	P
Adenosine (Adenocard)				99	P
Albuterol (Proventil, Ventolin)			A	99	P
Amiodarone (Cordarone, Pacerone)				99	P
Amyl Nitrite					P
Aspirin (ASA)	E	85	A	99	P
Atenolol (Tenormin)					P
Atropine Sulfate				99	P
Benzocaine Spray					P
Bumetanide (Bumex)					P
Calcium Chloride					P
Calcium Gluconate					P
Clopidogrel (Plavix)					P
Dexamethasone Sodium Phosphate (Decadron)					P
Dextrose (Glucose, D50, D25, D10)			A	99	P
Diazepam (Valium)				99	P

Digoxin (Lanoxin)				99	P
Diltiazem (Cardizem)				99	P
Diphenhydramine (Benadryl)			A	99	P
Dobutamine Hydrochloride (Dobutrex)					P
Dolasetron (Anzemet)					P
Dopamine Hydrochloride (Intropin)				99	P
Epinephrine 0.15mg Auto Injector (Epi-Pen Jr)	E	85	A	99	P
Epinephrine 0.3mg Auto Injector (Epi-Pen)	E	85	A	99	P
Epinephrine (Adrenalin) 1:1,000			A	99	P
Epinephrine (Adrenalin) 1:10,000				99	P
Epinephrine Racemic (Micronefrin)			A	99	P
Eptifibatide (Integrilin)					P
Fentanyl Citrate (Sublimaze)					P
Flumazenil (Romazicon)					P
Fosphenytoin (Cerebyx)					P
Furosemide (Lasix)				99	P
Glucagon (GlucaGen)			A	99	P
Haloperidol Lactate (Haldol)					P
Hydrocortisone Sodium Succinate (Solu-Cortef)					P
Hydroxocobalamin (Cyanokit)					P
Hydroxyzine (Atarax, Vistaril)					P
Ibuprofen (Motrin)			A	99	P
Ipratropium (Atrovent)			A	99	P
Isoetharine (Bronchosol, Bronkometer)					P
Ketamine (Ketalar)					P
Ketorolac Tromethamine (Toradol)					P
Labetalol (Normodyne, Trandate)				99	P
Levalbuterol (Xopenex)					P
Lidocaine Hydrochloride (Xylocaine)				99	P
Lorazepam (Ativan)					P
Magnesium Sulfate				99	P
Mannitol (Osmitrol)					P
MARK I Kit :Use of unit dose commercially pre-filled containers or auto injectors for the administration of life saving medications intended for self, peer, or patient rescue after exposure to nerve agents(s)	E	85	A	99	P
Meperidine Hydrochloride (Demerol)					P
Metaproterenol Sulfate (Alupent)			A	99	P
Methylprednisone Sodium Succinate (Solu-Medrol)					P
Metoprolol Tartrate (Lopressor)					P
Midazolam Hydrochloride (Versed)					P
Morphine Sulfate (Roxanol, MS Contin)				99	P
Nalbuphine Hydrochloride (Nubain)					P
Naloxone Hydrochloride (Narcan)			A	99	P
Naloxone Hydrochloride (Narcan) Auto Injector or Nasal Spray Route	E	85	A	99	P
Nicardipine (Cardene)				99	P
Nifedipine (Procardia, Adalat)					P
Nitroglycerin (Nitrostat, Tridil)* May assist patient with own medication	E*	85*	A	99	P
Nitropaste (Nitro-Bid Ointment)			A	99	P
Nitroprusside (Nitropress)				99	P
Nitrous Oxide 50:50 (Nitronox)			A	99	P
Norepinephrine Bitartrate (Levophed)					P

Ondansetron Hydrochloride (Zofran)			A	99	P
Oral Glucose (Insta-Glucose)	E	85	A	99	P
Oxygen	E	85	A	99	P
Oxytocin (Pitocin)					P
Phenobarbital (Luminal)					P
Phenytoin (Dilantin)					P
Pralidoxime (2-PAM, Protopam)					P
Procainamide Hydrochloride (Pronestyl)					P
Promethazine Hydrochloride (Phenergan)					P
Propranolol Hydrochloride (Inderal)					P
Reglan (Metoclopramide)				99	P
Sodium Bicarbonate				99	P
Sodium Nitrate					P
Sodium Thiosulfate					P
Terbutaline Sulfate (Brethine)				99	P
Thiamine (Betaxin)			A	99	P
TXA (Tranexamic Acid)				99	P
Vasopressin (Pitressin)				99	P
Verapamil Hydrochloride (Isoptin, Calan)				99	P
IV Solutions	Levels				
Hetastarch (Hespan)					P
Lactated Ringers (LR)		85	A	99	P
5% Dextrose in Water (D5W)		85	A	99	P
0.9% Sodium Chloride (Normal Saline)		85	A	99	P
0.45% Sodium Chloride (1/2 Normal Saline)			A	99	P
5% Dextrose in 0.9% Sodium Chloride (D5NS)			A	99	P
5% Dextrose in Lactated Ringers (D5LR)			A	99	P