



Wisconsin EMS Scope of Practice

[Wisconsin Admin. Code § DHS 110.12](#) states that an emergency medical services (EMS) professional may only perform the skills, use the equipment, and administer the medications that are specified by the Department of Health Services (DHS) in the Wisconsin EMS Scope of Practice for the level to which the individual is licensed, certified, or credentialed.

Key to Practice Levels	
EMR	Emergency Medical Responder
EMT	Emergency Medical Technician
AEMT	Advanced Emergency Medical Technician
INT	EMT-Intermediate
PARA	Paramedic
CCP	Paramedic with Critical Care Endorsement

All skills designated with an “R” at a practice level are required for that level; these core skills ensure equal access to EMS care across the state. All “R” skills must be submitted as part of the EMS Service Operational Plan and approved by DHS.

All skills designated with an “O” at a practice level are optional skills for that level based on the needs and resources of a community. These optional skills must be submitted as part of the EMS Service Operational Plan and approved by DHS.

For the EMR practice level, any DHS approved “O” skill is considered an advanced skill and must reported in the Wisconsin Ambulance Run Data System (WARDS). All other EMS practice levels are required to report both “R” and “O” approved skills in WARDS.

Items designated with a footnote are modified for the indicated practice level by the conditions contained within the footnote at the end of that section, and have specified requirements.

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Revised:

I. Skill—Airway/Ventilation/Oxygenation

I. Skill—Airway/Ventilation/Oxygenation	EMR	EMT	AEMT	INT	PARA	CCP
Airway—Nasopharyngeal	R	R	R	R	R	R
Airway—Non-Visualized; must have end-tidal CO2 detection (capnometry or capnography) to confirm safe device position and effective ventilation. A non-visualized airway is an extraglottic device inserted without the need to visualize the vocal cords.	O	R	R	R	R	R
Airway—Oropharyngeal	R	R	R	R	R	R
Airway Obstruction—Manual Dislodgement Techniques	R	R	R	R	R	R
Airway Obstruction—Dislodgement by Direct Laryngoscopy		R	R	R	R	R
Bag-Valve Mask (BVM)	R	R	R	R	R	R
End Tidal CO2 capnometry required to confirm safe device position and effective ventilation if any non-visualized airway device, endotracheal tube, cricothyrotomy device or tracheostomy tube is used by an EMS provider.	R	R	R	O	O	O
End Tidal CO2 capnography interpretation for initial confirmation and ongoing ventilation when any non-visualized airway device, endotracheal tube, cricothyrotomy device or tracheostomy tube is used by an EMS provider and/or for ongoing metabolic clinical decision-making.				R	R	R
Chest Decompression—Needle				R	R	R
Chest Seal—Vented Preferred	O	R	R	R	R	R
CO Monitoring	O	O	O	O	O	O
Cricothyrotomy—Surgical or Needle					O	O
Gastric Decompression with Advanced Airway	O	O	O	O	R	R
Intubation—Endotracheal				O	R	R
Intubation—Nasotracheal				O	O	R
Intubation—Rapid Sequence Induction (requires two paramedics patient side)					O	O
Manual Airway Maneuvers	R	R	R	R	R	R
Non-Invasive Positive Pressure Ventilation		O	R	R	R	R

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Revised:

I. Skill—Airway/Ventilation/Oxygenation (cont'd)	EMR	EMT	AEMT	INT	PARA	CCP
Oxygen Therapy—Nebulizer	O	R	R	R	R	R
Oxygen Therapy—Nasal Cannula	O	R	R	R	R	R
Oxygen Therapy—Non-Rebreather Mask	O	R	R	R	R	R
Oxygen Therapy—Tracheostomy Tube	O	R	R	R	R	R
Oxygen Therapy—High Flow Nasal Cannula					O	O
Pulse Oximetry	O	R	R	R	R	R
Suctioning—Tracheobronchial				R	R	R
Suctioning—Upper Airway (Soft and Rigid)	R	R	R	R	R	R
Ventilator—Automated Transport Ventilator		O ¹	O ¹	O ¹	O	O
Ventilator—Variable Setting					O ²	R

Notes: ¹May only be used for CPR; ²May only use FiO₂, rate, and volume adjustments in assist control (AC) mode.

II. Skill—Cardiovascular/Circulation

II. Skill—Cardiovascular/Circulation	EMR	EMT	AEMT	INT	PARA	CCP
Cardiocerebral Resuscitation (CCR)	O	O	O	O	O	O
Cardiopulmonary Resuscitation (CPR)	R	R	R	R	R	R
Cardioversion—Electrical				R	R	R
CPR Mechanical Device	O	O	O	O	O	O
Defibrillation—Automated and Semi-Automated (AED)	R	R	R	R	R	R
Defibrillation—Manual		O	O	R	R	R
ECG Monitor—Acquisition/Transmission		O	O	R	R	R
ECG Monitor—Interpretation				R	R	R
ECG 12, 15 or 18 Lead—Acquisition/Transmission		O	O	R	R	R
ECG 12, 15 or 18 Lead—Interpretation				R	R	R
Hemorrhage Control—Direct Pressure	R	R	R	R	R	R
Hemorrhage Control—Hemostatic Agents	O	O	O	O	O	O

II. Skill—Cardiovascular/Circulation (cont'd)	EMR	EMT	AEMT	INT	PARA	CCP
Hemorrhage Control—Pressure Points	R	R	R	R	R	R
Hemorrhage Control—Skin Clamp (Temporary Use)	O	O	O	O	O	O
Hemorrhage Control—Tourniquet	R	R	R	R	R	R
Hemorrhage Control—Wound Packing	O	R	R	R	R	R
Impedance Threshold Device (ITD)		O	O	O	O	O
Monitor—Arterial Line						R
Monitor—CVP Line						R
Monitor—Swan-Ganz Catheter						R
Pericardiocentesis					O	O
Transcutaneous Pacing				R	R	R
Transvenous Pacing—Maintenance and Troubleshooting (Not Initiation)						R
Point of Care Cardiac Ultrasound—Cardiac Arrest					O	O
Valsalva Maneuver		O	R	R	R	R

III. Skill—Splinting and Spinal Motion Immobilization

III. Skill—Splinting and Spinal Motion Immobilization	EMR	EMT	AEMT	INT	PARA	CCP
Cervical Collar	O	R	R	R	R	R
Manual Cervical Stabilization	R	R	R	R	R	R
Seated Spinal Motion Restriction	O	R	R	R	R	R
Splinting—Manual	R	R	R	R	R	R
Splinting—Pelvic Compression Device	O	O	O	O	R	R
Splinting—Rigid	R	R	R	R	R	R
Splinting—Soft	R	R	R	R	R	R
Splinting—Traction	O	R	R	R	R	R
Splinting—Vacuum	O	O	O	O	O	O

IV. Skill—Medication Administration Routes

IV. Skill—Medication Administration Routes	EMR	EMT	AEMT	INT	PARA	CCP
Aerosolized/Nebulized	O	R	R	R	R	R
Endotracheal Tube (ET)				R	R	R
Intramuscular (IM)	O ³	R	R	R	R	R
Intramuscular—Auto-Injector	R	R	R	R	R	R
Intranasal (IN)	O ⁴	R	R	R	R	R
Intranasal—Auto-Injector	R ⁴	R	R	R	R	R
Intraosseous (IO)			R	R	R	R
Intravenous (IV)			R	R	R	R
Mucosal/Sublingual (SL)		R	R	R	R	R
Oral (PO)	O	R	R	R	R	R
Rectal				R	R	R
Subcutaneous (SQ)		O	O	O	O	O

Note: ³May only be used for manually drawn epinephrine 1:1000 for anaphylaxis. ⁴May only be used for naloxone.

V. Skill—Initiation / Maintenance / Fluids

V. Skill—Initiation / Maintenance / Fluids	EMR	EMT	AEMT	INT	PARA	CCP
Central Line/PICC Line—Access and Maintenance (No additional training required in code situation)					O	R
Maintenance—Medicated IV Fluids					R	R
Maintenance – Non-Medicated IV Fluids			R	R	R	R
Intraosseous			R	R	R	R
IV – Peripheral			R	R	R	R
IV – External Jugular				O	O	O
IV Pump—Non-Medicated IV Fluids			O	O	O	R
IV Pump—Two or Less Medicated IVs					O	R

V. Skill—Initiation / Maintenance / Fluids(cont'd)	EMR	EMT	AEMT	INT	PARA	CCP
IV Pump—More than Two Medicated IVs						R
Other Access Ports—Access and Maintenance					O	R
Saline Lock—Initiation and Access			R	R	R	R
Saline Lock—Monitor		O	R	R	R	R

VI. Skill—Miscellaneous

VI. Skill—Miscellaneous	EMR	EMT	AEMT	INT	PARA	CCP
Assisted Delivery (Childbirth)	R	R	R	R	R	R
Blood Chemistry Analysis					O	O
Blood Glucose Monitoring	O	R	R	R	R	R
Blood Pressure—Automated	O	O	O	O	O	O
Chest Tube Insertion						O
Chest Tube—Monitoring					O	R
Eye Irrigation	R	R	R	R	R	R
Foley Catheter Insertion						O
Telemetric monitoring devices and transmission of clinical data including video data		O	O	O	O	O

VI. Skill—Miscellaneous	EMR	EMT	AEMT	INT	PARA	CCP
ICP Monitoring						R
Immunizations		O	O	O	O	O
Nasopharyngeal and/or Oropharyngeal Sampling/Obtaining	O	O	O	O	O	O
Long Board	O	R	R	R	R	R
Patient Physical Restraints	O	R	R	R	R	R
Venous Blood Sampling—Obtaining			O	O	O	O
Vital Signs	R	R	R	R	R	R

VII. Skill—Assisted Patient Medications

VII. Skill—Assisted Patient Medications	EMR	EMT	AEMT	INT	PARA	CCP
Any patient prescribed medication with online medical control approval (as long as administration route is within scope of practice)	O	O	O	O	O	O

VIII. Skill—Medications Approved Per Protocol

VIII. Skill—Medications Approved per Protocol	EMR	EMT	AEMT	INT	PARA	CCP
0.45% Sodium Chloride			O	O	O	O
0.9% Sodium Chloride (Normal Saline)			R	R	R	R
Activated Charcoal		O	O	O	O	O
Acetaminophen (Tylenol)			R	R	R	R
Adenosine (Adenocard)				R	R	R
Albuterol	O	R	R	R	R	R
Amiodarone (Cordarone)				O ⁵	R	R
Any patient prescribed medication with online medical control approval (as long as administration route is within scope of practice)	O	O	O	O	O	O
Aspirin	O	R	R	R	R	R
Atropine				R	R	R
Auto-injector antidotes for chemical/hazardous material exposures	O	O	O	O	O	O
Calcium					R	R
Cimetidine					O	O
Clopidogrel (Plavix)					O	O
Cyanide Antidote Kits					O	O
Dexamethasone (Decadron)					O	O

VIII. Skill—Medications Approved per Protocol (cont'd)	EMR	EMT	AEMT	INT	PARA	CCP
Dextrose (D50, D25, D10, D5/0.45/LR/NS/W)			R	R	R	R
Diazepam (Valium)				O ⁶	O ⁷	O ⁷
Diltiazem (Cardizem)					O	O
Diphenhydramine (Benadryl)					O	O
Dolesetron (Anzemet)					O ⁸	O ⁸
Droperidol					O ⁸	O ⁸
Epinephrine (1:1000)-manual or autoinjector	O	R	R	R	R	R
Epinephrine (1:10,000)				R	R ⁹	R ⁹
Etomidate (Amidate)					O	O
Famotidine (Pepcid)					O	O
Fentanyl (Sublimaze)				O ¹⁰	O ¹¹	O ¹¹
Flumazenil (Romazicon)					O	O
Glucagon		O	O	O	O	O
Glucose	O	R	R	R	R	R
Haloperidol (Haldol)					O	O
Heparin					O	O
Hydralazine					O	O
Hydrocortisone					O	O
Hydromorphone (Dilaudid)					O ¹¹	O ¹¹
Hydroxyzine (Vistaril)					O	O
Ibuprofen (Advil)			O ¹²	O ¹²	O ¹²	O ¹²
Ipratropium (Atrovent)		O	O	O	O	O

VIII. Skill—Medications Approved per Protocol (cont'd)	EMR	EMT	AEMT	INT	PARA	CCP
Isopropyl Alcohol	O	O	O	O	O	O
Ketamine (Ketalar)					O	O
Ketorolac (Toradol)			O ¹²	O ¹²	O ¹²	O ¹²
Labetalol					O	O
Lactated Ringer's			O	O	O	O
Lidocaine (Xylocaine)				O ⁵	R	R
Lorazepam (Ativan)				O ⁶	O ⁷	O ⁷
Magnesium					R	R
Methylprednisolone (Solu-Medrol)					O	O
Metoclopramide (Reglan)					O ⁸	O ⁸
Metoprolol (Lopressor)					O	O
Midazolam (Versed)				O ⁶	O ⁷	O ⁷
Morphine				O ¹⁰	O ¹¹	O ¹¹
Naloxone (Narcan) manual or autoinjector	O	R	R	R	R	R
Naproxen			O ¹²	O ¹²	O ¹²	O ¹²
Nifedipine					O	O
Nitroglycerin (sublingual tablet/spray)			R	R	R	R
Nitroglycerin (drip or paste)					O	O
Nitrous Oxide			O	O	O	O
Norepinephrine (Levophed)					O ⁹	O ⁹
Olanzapine					O	O
Ondansetron (Zofran)				O ⁸	O ⁸	O ⁸
Other Short Acting Beta Agonist for Asthma		O	O	O	O	O

VIII. Skill—Medications Approved per Protocol	EMR	EMT	AEMT	INT	PARA	CCP
Oxygen	O	R	R	R	R	R
Oxymetazoline (Afrin)		O	O	O	O	O
Oxytocin (Pitocin)					O	O
Pancuronium (Pavulon)					O	O
Phenylephrine					O ⁹	O ⁹
Pralidoxime (2-PAM)					O	O
Procainamide					O	O
Prochlorperazine (Compazine)					O ⁸	O ⁸
Promethazine (Phenergan)					O ⁸	O ⁸
Proparacaine					O	O
Rocuronium (Zemuron)					O	O
Sodium Bicarbonate					R	R
Succinylcholine (Anectine)					O	O
Terbutaline					O	O
Tetracaine					O	O
Ticagrelor (Brilinta)					O	O
Tranexamic Acid (TXA)					O	O
Vasopressin (Pitressin)				O	O	O
Vecuronium (Norcuron)					O	O
Verapamil					O	O
Ziprasidone (Geodon)					O	O

Notes: ⁵Must choose one antiarrhythmic and may only administer via bolus; ⁶Must choose only one benzodiazepine for seizures (midazolam preferred); ⁷Must have at least one benzodiazepine (midazolam preferred); ⁸Must have at least one antiemetic; ⁹Must have at least one vasopressor (norepinephrine preferred); ¹⁰Must choose only one narcotic for pain control (fentanyl preferred); ¹¹Must have at least one narcotic (fentanyl preferred); ¹²Must have at least one nonsteroidal anti-inflammatory.

IX. Skill—Medications Approved Per Protocol (Inter-facility Use Only)

IX. Skill—Medications Approved per Protocol (Interfacility Use Only)	EMR	EMT	AEMT	INT	PARA	CCP
Additional Medications per Service Medical Director Authorization						O
Antimicrobials					O	O
Blood and Blood Products—Initiation					O	O
Blood and Blood Products—Maintenance					O	O
Dopamine					O	O
Furosemide (Lasix)					O	O
Nicardipine					O	O
Remdesivir					O	O
Tissue Plasminogen Activator (tPA)					O	O