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*Emergency Medical Services Personnel
Facility Based Scope of Practice*

Ministry of Health



SKILLS & COMPETENCIES	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
AIRWAY / BREATHING			
Perform assessment and treatments for ARDS	Assessment Only	Salbutamol / Atrovent	Yes
Auscultation & Breath Sounds	Yes	Yes	Yes
Oxygen administration using appropriate device	Yes	Yes	Yes
Non-Invasive airway control	Yes	Yes	Yes
Measuring and documenting pre and post intervention respiratory peak flow, utilizing a peak flow meter.	No	Yes	Yes
Oxygen Saturation Monitoring and Interpretation	Yes	Yes	Yes
Oral Airway Insertion	Yes	Yes	Yes
Nasopharyngeal Airway Insertion	No	Yes	Yes
Bag-Valve-Mask Use (Adult Only)	Yes	Yes	Yes
Interpretation of Arterial Blood Gas results	No	No	Yes
Chest Tube Insertion <i>(Assist physician by preparing patient, room, equipment using sterile technique and handing equipment as required to the physician to perform the procedure)</i>	No	Yes	Yes
Provide ongoing assessment of patients with chest tubes.	Assessment Only	Yes (Monitor and troubleshoot)	Yes (Monitor and troubleshoot)
Monitor Heimlich Valves and other pleural tubes	Assessment Only	Yes	Yes
Assist with Intubations <i>(Assist physician by preparing equipment, pre-oxygenation of the patient and handing equipment to the physician or respiratory tech.)</i>	No	Yes	Yes
Assist with rapid-sequence-induction <i>(Assist physician by preparing patient, room, equipment, pre-oxygenation and pushing IV medications under direct request and supervision of the physician)</i>	No	No	Yes
Assist with surgical airway (cric / trach) Preparing room, patient and equipment, preparing the site, handing and securing equipment per physician order. Bagging via surgical airway adjunct.	No	Yes	Yes



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Ministry of Health



SKILLS & COMPETENCIES	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
CIRCULATION			
Assist and Intervene for Patients with Chest Pain	Oxygen, Nitroglycrine, Monitor	Oxygen, Nitroglycrine, Monitor	Yes
Perform 12 & 15 Lead ECG (Adult)	No	No	Yes
Perform 12 & 15 Lead ECG (Pediatric)	No	No	Yes
Participate in Code Blue Events	Yes (Documentation, Compression)	Yes (Documentation, Compressions)	Yes (ACLS)
Restocking & Daily Checking of Code Blue Carts	No	Yes	Yes
Attaching on bedside monitoring devices.	Yes	Yes	Yes
Recognize Shock Syndromes	Yes	Yes	Yes
Obtain and interpret adult /pediatric vitals signs	Yes	Yes	Yes
Interpret Lab Values	No	No	Yes
Establish Intravenous Routes	No	Yes	Yes
Establish fluid resuscitation with crystalloids, volume expanders, colloids blood and blood products	No	Yes (Crystalloids Only)	Yes
Assist with central line insertion <i>Preparing the patient, room and equipment, utilizing sterile technique. Passing equipment and holding equipment as requested by physician.</i>	No	Yes	Yes
Assist with arterial line insertion <i>Preparing the patient, room and equipment, utilizing sterile technique. Passing equipment and holding equipment as requested by physician.</i>	No	Yes	Yes
Access Central Line (Short term PICC, TIC, IVAD)	No	No	Yes
Management and Monitoring of Arterial Lines	No	Yes (Monitor Only)	Yes
Hot line fluid warmer setup and use	No	Yes	Yes
Level 1 fluid infuser setup and use	No	No	Yes
CARDIOVASCULAR			
Basic Cardiac Monitoring and Interpretation	Yes	Yes	Yes



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SKILLS & COMPETENCIES	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
CARDIOVASCULAR (cont'd)			
Administration and Monitoring of IV Drug Infusions	No	No	Yes
Assist in Initiation of Thrombolytics (SK, rt-PA, TNK)	No	No	Yes
Initiate Acute Coronary Syndrome Protocol (IIb, IIIa inhibitors)	No	No	Yes
Assists / Performs Electrical Therapy	Assist Only	Yes (Defibrillation)	Yes (Defibrillation, Cardioversion Pacing)
Demonstrate Knowledge of ACLS Protocols	No	No	Yes
Assist with Pericardiocentesis (Preparing the patient, room and equipment, utilizing sterile technique. Passing equipment and holding equipment as requested by physician.)	No	No	Yes
NEUROLOGICAL			
Obtain a pertinent medical history	Yes	Yes	Yes
Interpret Signs/Symptoms in relation to history	Yes	Yes	Yes
Assess and initiate treatments for patients with altered LOC	Yes (Basic Life Support)	Yes (BLS plus IV Initiation)	Yes
Assess Glasgow Comma Scale	Yes	Yes	Yes
Application of Cervical collars	Yes	Yes	Yes
Management of Spinal Immobilized Patients	Yes	Yes	Yes
Assess Blood Glucose	Yes	Yes	Yes
Application of Non-Pharmacological therapies	Yes	Yes	Yes
Initiate Thrombolytics for Stroke Patients	No	No	Yes
Assessments and appropriate interventions for seizures	Yes (Basic Life Support)	Yes (Midazolam / Lorazepam)	Yes
EAR, EYE, NOSE AND THROAT			
Assess and initiate interventions for Epistaxis	Yes (Basic Life Support)	Yes (Basic Life Support)	Yes (Posterior / Anterior Nasal Packing)



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SKILLS & COMPETENCIES	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
EAR, EYE, NOSE AND THROAT			
Assess and initiate interventions for patients with eye injury	Yes (Basic Life Support)	Yes (Basic Life Support)	Yes
Eye Patching	Yes	Yes	Yes
Perform Basic Visual Acuity Examination	Yes	Yes	Yes
Morgan Lens Treatment	No	No	Yes
Assess and assist with post-tonsillectomy hemorrhage	No	No	Yes
Assist with removal of foreign body	No	No	Yes
Assist with care of displaced teeth and re-implantation	No	No	Yes
GU/GI			
Assessment and Intervention of a patient with abdominal pain	Yes (Basic Life Support)	Yes (Basic Life Support & Intravenous)	Yes
Inspection, auscultation, palpation of the abdomen	Yes	Yes	Yes
Knowledge of Abdominal Pain Standing Orders	No	No	Yes
Insertion of Urinary Catheter (Adult)	Yes	Yes	Yes
Insertion of Nasogastric / Orogastric Tubes	No	No	Yes
Assist with peritoneal lavage	No	Yes	Yes
Assist with insertion of supra-pubic catheter	No	No	Yes
OBS / GYNE			
Assess and initiate appropriate interventions for patients with obstetrical complications	Yes	Yes	Yes
Assist with routine pelvic exam	No	No	Yes
Estimate vaginal blood loss	Yes	Yes	Yes
Auscultation of fetal heart tones	No	Yes	Yes
Assist with emergency childbirth	Yes	Yes	Yes



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SKILLS & COMPETENCIES	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
MUSCULOSKELETAL / INTEGUMENTARY			
Assess limb injury (Ankle/Wrist)	Yes	Yes	Yes
Neuromuscular Assessment (Pain, Pallor, Paresthesia, Pulses, Paralysis)	Yes	Yes	Yes
Application of splinting device and patient teaching related to injury. (Rest, Ice, Compression, Elevation)	Yes	Yes	Yes
Tensor bandage application and discharge teaching	Yes	Yes	Yes
Teach crutchwalking	Yes	Yes	Yes
Perform minor wound care	Yes	Yes	Yes
Perform complicated wound care	No	No	Yes
Assist with reduction / immobilization of fractures and dislocations	Yes	Yes	Yes
Tube gauze application	Yes	Yes	Yes
Controlled nail trephination for subungual hematoma	No	Yes	Yes
Preservation of amputated parts	Yes	Yes	Yes
Assessment and interventions for compartment syndrome	Yes (Assessment)	Yes	Yes
ENVIRONMENTAL			
Assessment and intervention for burns	Yes (Basic Life Support)	Yes (BLS and IVs)	Yes
Assessment and intervention for heat stroke	Yes	Yes	Yes
Assessment and intervention for near drowning	Yes	Yes	Yes
Assessment and intervention for hypothermia	Yes	Yes	Yes



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SKILLS & COMPETENCIES	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
ENVIRONMENTAL (cont'd)			
Assessment and intervention for toxic exposure	Yes (Basic Life Support)	Yes (Basic Life Support & IV)	Yes
Knowledge of staff and patient safety protocols	Yes	Yes	Yes
Knowledge of disaster planning and emergency preparedness protocols	Yes	Yes	Yes
TOXICOLOGY			
Assess and implement appropriate treatments for overdose patients	Yes (Basic Life Support)	Yes (Basic Life Support & IV)	Yes
Assess Poison Control Information	Yes	Yes	Yes
Perform gastric lavage and Charcoal Administration via orogastric tube	No	No	Yes
Knowledge of location of antidote kits	Yes	Yes	Yes
PSYCHIATRY			
Performs psychiatric assessment using regional health authority guidelines	Yes	Yes	Yes
Recognizes escalating behaviour	Yes	Yes	Yes
Understands the application of the <i>Mental Health Act</i>	Yes	Yes	Yes
PEDIATRICS			
Assess and initiate appropriate interventions for pediatric pyrexia	Assessment Only	Yes	Yes
Application of U-Bag on pediatric patients	Yes	Yes	Yes
Assessment and intervention for pediatric respiratory distress	Yes (Assessment Only)	Yes (Salbutamol / Atrovent Only)	Yes
Knowledge of Tylenol standing orders	No	Yes	Yes



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SKILLS & COMPETENCIES	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
PEDIATRICS (cont'd)			
Insertion of urinary catheters in pediatric patients	No	No	Yes
Application of the Broslow tape	Yes	Yes	Yes
TRAUMA			
Assess and apply appropriate treatment for multi-system trauma patients	Yes (ITLS Principles)	Yes (ITLS Principles)	Yes
Application or management of C-Spine immobilization	Yes	Yes	Yes
Assess and apply appropriate treatment for single-system trauma	Yes (ITLS Principles)	Yes (ITLS Principles)	Yes
Assist the thoracotomy	No	No	Yes
INFECTION CONTROL			
Follows precautions as outline in the facility or RHA infection control	Yes	Yes	Yes
Receives and transcribes physician orders	No	No	Yes
Specimen collection	Yes (Urine, stool, sputum)	Yes (Urine, stool, sputum)	Yes (Urine, stool, sputum, wound tissue and secretions)



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MEDICATION ADMINISTRATION	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
PREPARATIONS			
Oral preparations – all medications adult and pediatric	Yes (Only as directed by RN)	Yes	Yes
Sublingual preparations – all medications adult and pediatric	No	Yes (Only as directed by RN)	Yes
Rectal preparations – all medications adult and pediatric	No	Yes (Only as directed by RN)	Yes
Inhalation preparations – all medications adult and pediatric	No	Yes (Only as directed by RN)	Yes
Intramuscular preparations – all medications adult and pediatric	No	Yes (Only as directed by RN)	Yes
Subcutaneous preparations – all medications adult and pediatric	No	Yes (Only as directed by RN)	Yes
Eye preparations – Alcaine gtts and Garamycin gtts/ungt to adult patients	Yes	Yes	Yes
Eye preparations – Alcaine gtts and Garamycin gtts/ungt to pediatric patients	No	Yes	Yes
Narcotic Control count initiation and preparation	No	No	Yes

MEDICATIONS – IV PUSH	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
Atropine	No	No	Yes
Amiodarone Hydrochloride	No	No	Yes
Benadryl	No	No	Yes
Dextrose 50% & Dextrose 25%	No	Yes	Yes



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Diazepam	No	Yes	Yes
MEDICATIONS – IV PUSH (cont'd)	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
Fentanyl	No	No	Yes
Flumazenil	No	No	Yes
Gravol	No	Yes	Yes
Heparin	No	No	Yes
Hydrocortisone	No	No	Yes
Insulin	No	No	Yes
Lasix	No	No	Yes
Lorazepam	No	Yes	Yes
Maxeran	No	No	Yes
Morphine	No	No	Yes
Narcan	No	No	Yes
Sodium Bicarbonate	No	No	Yes
Stemetil	No	Yes	Yes
Versed	No	Yes	Yes

MEDICATIONS – IV INFUSION	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
BLOOD & BLOOD PRODUCTS			
Whole blood	No	Yes	Yes



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Fresh Frozen Plasma	No	Yes	Yes
MEDICATIONS – IV INFUSION (cont'd)	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
Packed Red Cells	No	Yes	Yes
Antihemolytic Factor	No	Yes	Yes
Platelets	No	Yes	Yes
Immune Globulin	No	Yes	Yes
Rh Immunoglobulin (WinRHo)	No	Yes	Yes
Albumen	No	Yes	Yes
COLLOIDAL SOLUTIONS			
10% Dextran 40	No	No	Yes
Pentaspan	No	Yes	Yes
COMMON INFUSIONS			
Acetylcysteine (Mucomyst)	No	No	Yes
Aminophylline	No	No	Yes
Amiodarone Hydrochloride	No	No	Yes
Benzotropine	No	No	Yes
Calcium Chloride	No	No	Yes
Calcium Gluconate	No	No	Yes
Dexamethasone	No	No	Yes
Digoxin	No	No	Yes



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Diltiazem (Cardizem)	No	No	Yes
MEDICATIONS – IV INFUSION (cont'd)	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
Dobutamine	No	No	Yes
•			
Enoxaparin	No	No	Yes
Esmolol	No	No	Yes
Ethanol	No	No	Yes
Flumazanil	No	No	Yes
Folic Acid	No	No	Yes
Heparin	No	No	Yes
Hyocine (Buscopan)	No	No	Yes
Insulin	No	Subcutaneous Only	Yes
Labetalol	No	No	Yes
Magnesium Sulphate	No	No	Yes
Mannitol	No	No	Yes
Meperidine (Demerol)	No	No	Yes
Nitroglycerine	No	No	Yes
Nitroprusside	No	No	Yes
Norepinephrine (Levophed)	No	No	Yes
• Oxytocin	No	No	Yes
•			
Phenobarbital	No	No	Yes



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Phenytoin Sodium (Dilantin)	No	No	Yes
Physostigmine Salicylate	No	No	Yes
MEDICATIONS – IV INFUSION (cont'd)	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
Potassium Chloride	No	No	Yes
Prednasone	No	No	Yes
Propranolol Hydrochloride	No	No	Yes
Propofol	No	No	Yes
Vasopressin	No	No	Yes
Verapamil	No	No	Yes
COMMON ANTI-MICROBIALS (Infusion or Oral)			
Ampicillin	No	No	Yes
Azithromycin (Zithromax)	No	No	Yes
Cefazolin (Ancef)	No	No	Yes
Cefotaxime	No	No	Yes
Cefoxitin	No	No	Yes
Cifixime	No	No	Yes
Ciprofloxacin (Cipro)	No	No	Yes
Clindamycin	No	No	Yes
Cotrimoxazole (Bactrim) either	No	No	Yes
Doxycycline	No	No	Yes



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Erythromycin	No	No	Yes
Gentamicin	No	No	Yes

MEDICATIONS – IV INFUSION (cont'd)	Emergency Medical Technician	Emergency Medical Technician Advanced	Emergency Medical Technician Paramedic
COMMON ANTI-MICROBIALS			
Metronidazole (Flagyl)	No	No	Yes
Moxifloxacin	No	No	Yes
Penicillins	No	No	Yes
Vancomycin	No	No	Yes
COMMON NEBULIZED MEDICATIONS			
Budesonide (Pulmacort)	No	Yes	Yes
Ipratropium Bromide (Atrovent)	No	Yes	Yes
Salbutamol (Ventolin)	No	Yes	Yes
FIBRINOLYTIC / THROMBOLYTIC AGENTS			
Alteplase	No	No	Yes
Streptokinase	No	No	Yes
Tenecteplase	No	No	Yes
Urokinase	No	No	Yes
OTHER MEDICATIONS			
Tetanus Toxoid / Diptheria	No	Yes	Yes
EMLA Cream (Topical Anesthetic)	Yes	Yes	Yes