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|---|---------------------------------------|--|
|  | <b>A06 - EMS/PT SCOPE OF WORK</b>     |  |
|   | POLICIES & PROCEDURES                 |  |
| Version date: 2023-02-13  | Effective date: 2023-02-22 (0700 hrs) |  |

| <b>PREAMBLE</b>   |
|---|
| <p>The College of Paramedics of Manitoba (CPMB) General Regulation defines the <b>scope of practice</b> for members by identifying the <b>reserved acts</b> that a registrant may (and may <i>not</i>) perform. For some of these reserved acts, the CPMB requires approved additional training. Shared Health ERS may also require testing and additional training for the confirmation and maintenance of competency.</p> <p>This document defines the <b>scope of work</b> for Provincial EMS/PT paramedics providing ground ambulance services. It lists the medical functions (medications and procedures) that paramedics who are employed by Shared Health ERS, or one of its SPA providers, are authorized to perform in the course of their duties. The CPMB requires that a registrant comply with the scope of work established by the employer.</p> <p>The scope of work may be less than the scope of practice. However, the scope of work cannot exceed the scope of practice, except with a written or verbal <b>delegation</b> from a physician or other appropriate CPMB member.</p> <p>The EMS/PT medication documents are <b>standing orders</b> that authorize paramedics to administer certain medications under specific conditions. In exceptional circumstances a physician may provide an additional order or orders that will apply only to that particular patient and encounter.</p> <p>EMS/PT paramedics may only accept an order or a delegation from an EMS/PT physician or ERS-affiliated physician.</p> <p>A paramedic may only perform a reserved act if they are legally permitted and competent to do so and are satisfied on reasonable grounds that and it is safe and appropriate. CPMB members are responsible to know their respective scopes of practice and work, and to ensure their competency.</p> <p>For further information, refer to A02 - PHYSICIAN ORDERS, CLINICAL SUPPORT &amp; OLMS and the following CPMB references.</p> <p style="padding-left: 40px;"> <a href="https://collegeparamb.ca/wp-content/uploads/2020/11/General-Regulation.pdf">https://collegeparamb.ca/wp-content/uploads/2020/11/General-Regulation.pdf</a><br/> <a href="https://collegeparamb.ca/wp-content/uploads/2020/11/Additional-Training-.pdf">https://collegeparamb.ca/wp-content/uploads/2020/11/Additional-Training-.pdf</a><br/> <a href="https://collegeparamb.ca/wp-content/uploads/2020/12/Scope-of-Practice-final-1.pdf">https://collegeparamb.ca/wp-content/uploads/2020/12/Scope-of-Practice-final-1.pdf</a> </p> |

**TABLE A - LEGEND**

*The number in parentheses identifies the reserved act most closely corresponding to that medical function.*

- a - Additional training required by CPMB.
- b - Additional training required by ERS.
- c - Requires consultation with OLMS before administration.
- d - Requires an order from the prescribing or referring physician (G01, G02).
- e - Requires authorization by the CODE STEMI physician (E04A).
- f - Only during the IERHA Paramedics Providing Palliative Care pilot project (E30A).
- g - When the device has been established by another qualified health care provider.
- h - Except for croup, nebulizer use is contraindicated during the COVID pandemic.
- i - Paramedics with basic work scope may only establish iGel during the COVID pandemic.
- j - Can be used if IO was already established for another life-threat. Do not be established IO only to give medication.

| TABLE B - MEDICAL FUNCTION (RESERVED ACT) <sup>1</sup>                           | SCOPE OF WORK       |                     |                   |
|--|---------------------|---------------------|-------------------|
|  | Basic               | Primary             | Inter-<br>mediate |
| <b>ASSESSMENT</b>  |                     |                     |                   |
| Making & communicating a diagnosis (1)   | NO                  | YES                 | YES               |
| Receiving a report of test - not including ECG interpretation for Code-STEMI (2) | NO                  | YES                 | YES               |
| <b>AIRWAY &amp; BREATHING</b>  |                     |                     |                   |
| Blind-insertion airway device insertion (4c)                                     | YES <sup>b, i</sup> | YES                 | YES               |
| Gastric tube insertion through established i-Gel airway (4c)                     | NO                  | YES <sup>b</sup>    | YES               |
| Oxygen administration (9)  | YES                 | YES                 | YES               |
| Oxygen titration (9)   | YES <sup>b</sup>    | YES                 | YES               |
| Pharyngeal airway insertion - oral / nasal (4b)                                  | YES                 | YES                 | YES               |
| Pharyngeal (deep) suctioning (4c)  | NO                  | NO                  | YES <sup>a</sup>  |
| Removal of supraglottic foreign body (4c)  | NO                  | YES <sup>a, b</sup> | YES               |
| Tracheostomy management - positive pressure ventilation & suctioning (4g)        | YES <sup>a, b</sup> | YES <sup>b</sup>    | YES               |
| Tracheostomy management - relieving an obstruction (4g)                          | YES <sup>a, b</sup> | YES <sup>a, b</sup> | YES               |
| <b>CIRCULATION</b>   |                     |                     |                   |
| Cardiac rhythm interpretation during cardiac arrest                              | NO                  | YES <sup>b</sup>    | YES               |
| Cardioversion (10b)  | NO                  | NO                  | YES <sup>a</sup>  |
| Defibrillation, automated - no rhythm interpretation (10B)                       | YES                 | YES                 | YES               |
| Defibrillation, automated - with rhythm interpretation (10B)                     | NO                  | YES <sup>b</sup>    | YES               |
| Defibrillation, manual   | NO                  | YES <sup>b</sup>    | YES               |
| Electrocardiogram acquisition  | NO                  | YES <sup>b</sup>    | YES <sup>b</sup>  |

|  |                  |                     |                     |
|--|------------------|---------------------|---------------------|
| Electrocardiogram interpretation   | NO               | NO                  | YES <sup>b</sup>    |
| Transcutaneous pacing (10b)  | NO               | NO                  | YES <sup>a</sup>    |
| <b>OBSTETRICS</b>  |                  |                     |                     |
| Out of hospital delivery (14)  | YES <sup>b</sup> | YES <sup>b</sup>    | YES <sup>b</sup>    |
| McRobert's maneuver for shoulder dystocia (4e)                                       | YES <sup>b</sup> | YES <sup>b</sup>    | YES <sup>b</sup>    |
| Newborn resuscitation  | YES <sup>b</sup> | YES <sup>b</sup>    | YES <sup>b</sup>    |
| Performing "V" maneuver for breech presentation (4e)                                 | YES <sup>b</sup> | YES <sup>b</sup>    | YES <sup>b</sup>    |
| Stabilizing fetal presenting part off pelvic brim for cord prolapse (4e)             | YES <sup>b</sup> | YES <sup>b</sup>    | YES <sup>b</sup>    |
| <b>TRAUMA &amp; SURGICAL</b>   |                  |                     |                     |
| Eye irrigation (5d)  | YES <sup>b</sup> | YES                 | YES                 |
| Foreign body removal (3a)  | NO               | YES <sup>a</sup>    | YES                 |
| Management of an impaled object (3a, 3b)   | YES              | YES                 | YES                 |
| Nasal packing for epistaxis (4b)   | NO               | NO                  | YES <sup>b</sup>    |
| Needle decompression for cardiac arrest (3a)   | NO               | NO                  | YES <sup>a</sup>    |
| Reducing a fracture or dislocation for perfusion, extrication or immobilization (12) | YES <sup>b</sup> | YES <sup>b</sup>    | YES                 |
| Tooth re-implantation (3b)   | NO               | YES <sup>a, b</sup> | YES <sup>b</sup>    |
| Urinary catheter irrigation (5d)   | NO               | YES <sup>b, d</sup> | YES <sup>b, d</sup> |
| Urinary catheter removal (4d)  | NO               | YES <sup>b</sup>    | YES <sup>b</sup>    |
| Wound irrigation (5d)  | YES              | YES                 | YES                 |
| Wound basic management (3a, 3b)  | YES              | YES                 | YES                 |
| Wound repair with tissue adhesive(3a)  | NO               | NO                  | YES <sup>b</sup>    |
| <b>VASCULAR ACCESS</b>   |                  |                     |                     |
| Intraosseous device insertion (3a)   | NO               | NO                  | YES <sup>a</sup>    |
| Intravenous cannulation (3a)   | NO               | YES <sup>a</sup>    | YES                 |
| Subcutaneous device insertion  | NO               | YES <sup>b, f</sup> | YES <sup>b, f</sup> |
| <b>MEDICATION ADMINISTRATION BY PROCEDURE / ROUTE</b>                                |                  |                     |                     |
| By autoinjector (5a, 9)  | YES <sup>a</sup> | YES <sup>b</sup>    | YES                 |
| By buccal, oral, or sublingual route (9)   | YES <sup>a</sup> | YES                 | YES                 |
| By inhalation with MDI (5b, 9)   | YES <sup>a</sup> | YES                 | YES                 |
| By inhalation with nebulizer (5b, 9) d   | NO               | YES                 | YES                 |
| By intramuscular injection (5a, 9)   | NO               | YES                 | YES                 |
| By injection into a peripheral intravenous line (5a, 9)                              | NO               | YES <sup>b</sup>    | YES                 |
| By injection into a peripheral inserted central intravenous line - PICC (5a, 9)      | NO               | YES <sup>b</sup>    | YES                 |

|  |                     |                     |                     |
|--|---------------------|---------------------|---------------------|
| By injection into a central intravenous line (5a, 9)                     | NO                  | YES <sup>b</sup>    | YES <sup>b</sup>    |
| By injection into a subcutaneous port (5a, 9)                            | NO                  | YES <sup>b</sup>    | YES <sup>b</sup>    |
| By injection into an intraosseous line (5a, 9)                           | NO                  | YES <sup>a, g</sup> | YES <sup>a</sup>    |
| By intranasal administration (9)   | YES <sup>a, b</sup> | YES <sup>a</sup>    | YES                 |
| By subcutaneous injection (9)  | NO                  | YES <sup>a</sup>    | YES                 |
| Vaccine administration during a public health emergency (9)              | NO                  | YES <sup>b, j</sup> | YES <sup>b, j</sup> |
| <b>TRANSPORT WITH ESTABLISHED DEVICE IN PLACE OR OPERATION</b>           |                     |                     |                     |
| Central venous catheter (capped only)                                    | NO                  | YES <sup>b</sup>    | YES <sup>b</sup>    |
| Central venous catheter (in use)   | NO                  | YES <sup>b</sup>    | YES <sup>a</sup>    |
| Continuous peritoneal dialysis (assisting patient / caregiver to manage) | YES <sup>b</sup>    | YES <sup>b</sup>    | YES                 |
| Gastric tube (oral / nasal)  | YES <sup>b</sup>    | YES <sup>b</sup>    | YES                 |
| Jackson-Pratt (wound) drain  | YES <sup>b</sup>    | YES <sup>b</sup>    | YES <sup>b</sup>    |
| Percutaneous gastrojejunostomy tube                                      | YES <sup>b</sup>    | YES <sup>b</sup>    | YES                 |
| Peripherally inserted central catheter (capped only)                     | YES <sup>b</sup>    | YES                 | YES                 |
| Peripherally inserted central catheter (in use)                          | NO                  | YES                 | YES                 |
| Peripheral intravenous catheter  | YES <sup>b</sup>    | YES                 | YES                 |
| Temperature probe (esophageal /rectal)                                   | NO                  | YES <sup>a</sup>    | YES <sup>a</sup>    |
| Thoracostomy (chest) tube with any drainage system                       | NO                  | YES <sup>b</sup>    | YES <sup>b</sup>    |
| Transcutaneous pacemaker   | NO                  | NO                  | YES <sup>b</sup>    |
| Urinary catheter (transurethral or suprapubic)                           | YES <sup>b</sup>    | YES <sup>b</sup>    | YES                 |
| Urinary bladder irrigation (Kelley)                                      | NO                  | YES <sup>b</sup>    | YES                 |
| <b>MEDICATION ADMINISTRATION DURING PATIENT TRANSPORT</b>                |                     |                     |                     |
| Established medication infusions   | YES <sup>b, d</sup> | YES <sup>b, d</sup> | YES <sup>d</sup>    |
| Prescribed scheduled & prn medications                                   | NO                  | YES <sup>b, d</sup> | YES <sup>d</sup>    |



| TABLE C - MEDICATION BY TYPES |                   |                     | SCOPE OF WORK <sup>3</sup> |         |                  |
|-------------------------------|-------------------|---------------------|----------------------------|---------|------------------|
| MEDICATION                    | INDICATION        | ROUTE               | Basic                      | Primary | Inter-mediate    |
| Acetaminophen                 | pain, fever       | PO                  | YES <sup>b</sup>           | YES     | YES              |
| Acetylsalicylic acid (ASA)    | ACS               | PO                  | YES <sup>b</sup>           | YES     | YES              |
| Adenosine                     | PSVT, NCT         | IV                  | NO                         | NO      | YES              |
| Amiodarone                    | cardiac arrest    | IV, IO              | NO                         | NO      | YES              |
|                               | post arrest ROSC  | IV, IO              | NO                         | NO      | YES              |
|                               | stable VT ort WCT | IV, IO <sup>j</sup> | NO                         | NO      | YES <sup>c</sup> |

|                   |                                      |                         |                  |                  |                  |
|-------------------|--------------------------------------|-------------------------|------------------|------------------|------------------|
| Atropine          | unstable bradycardia                 | IV, IO <sup>j</sup>     | NO               | NO               | YES              |
| Calcium chloride  | hyperkalemia                         | IV, IO                  | NO               | NO               | YES              |
|                   | magnesium toxicity                   | IV                      | NO               | YES              | YES              |
| Dextrose 10%      | hypoglycemia                         | IV, IO                  | NO               | YES              | YES              |
| Dextrose 50%      | hypoglycemia                         | IV, IO                  | NO               | YES              | YES              |
|                   | hyperkalemia                         | IV, IO                  | NO               | NO               | YES              |
| Dimenhydrinate    | nausea, vomiting                     | IV, IO <sup>j</sup>     | NO               | YES              | YES              |
| Diphenhydramine   | itching                              | IV                      | NO               | YES              | YES              |
| Enoxaparin        | STEMI                                | SC                      | NO               | YES <sup>e</sup> | YES <sup>e</sup> |
| Epinephrine       | anaphylaxis                          | autoinjector            | YES <sup>b</sup> | YES              | YES              |
|                   |                                      | IM                      | NO               | YES              | YES              |
|                   | cardiac arrest                       | IV, IO                  | NO               | NO               | YES              |
|                   | croup                                | nebulizer <sup>h</sup>  | NO               | YES              | YES              |
| Fentanyl          | pain                                 | IN                      | NO               | YES              | YES              |
|                   |                                      | IV, IM, IO <sup>j</sup> | NO               | YES              | YES              |
| Furosemide        | pulmonary edema                      | IV                      | NO               | NO               | YES              |
| Glucagon          | hypoglycemia                         | IN                      | YES <sup>b</sup> | YES              | YES              |
|                   |                                      | IV, IM IO               | NO               | YES              | YES              |
| Glucose           | hypoglycemia                         | PO                      | YES <sup>b</sup> | YES              | YES              |
| Haloperidol       | agitation                            | IV, IM                  | NO               | NO               | YES              |
| Hydrocortisone    | asthma, anaphylaxis                  | IV, IO <sup>j</sup>     | NO               | YES              | YES              |
|                   | adrenal insufficiency                | IV, IO                  | NO               | YES              | YES              |
| Ibuprofen         | pain, fever                          | PO                      | YES <sup>b</sup> | YES              | YES              |
| Insulin           | hyperkalemia                         | IV, IO                  | NO               | NO               | YES              |
| Intravenous fluid | without added electrolytes           |                         | NO               | YES              | YES              |
|                   | with electrolytes added by paramedic |                         | NO               | NO               | YES <sup>b</sup> |
| Ketamine          | pain                                 | IN                      | NO               | YES <sup>b</sup> | YES              |
|                   |                                      | IV, IM, IO <sup>j</sup> | NO               | NO               | YES              |
| Ketorolac         | pain                                 | IV, IM                  | NO               | YES              | YES              |
| Lidocaine         | IO anaesthesia                       | IO (dwell)              | NO               | YES <sup>g</sup> | YES              |
| Lorazepam         | anxiety                              | PO                      | NO               | YES              | YES              |
| Magnesium sulfate | cardiac arrest                       | IV, IO                  | NO               | NO               | YES              |
|                   | preeclampsia / eclampsia             | IV                      | NO               | YES <sup>b</sup> | YES <sup>b</sup> |

|                    |                           |                         |                     |                  |                  |
|--------------------|---------------------------|-------------------------|---------------------|------------------|------------------|
| Metoclopramide     | nausea, vomiting          | IV, IO <sup>j</sup>     | NO                  | YES              | YES              |
| Midazolam          | seizure                   | IN                      | NO                  | YES              | YES              |
|                    | multiple indications      | IV, IM IO <sup>j</sup>  | NO                  | YES              | YES              |
|                    | procedural sedation       | IV                      | NO                  | NO               | YES <sup>b</sup> |
| Morphine           | pain                      | IV, IM, IO <sup>j</sup> | NO                  | NO               | YES              |
| Naloxone           | opiate / opioid overdose  | IN                      | YES <sup>b</sup>    | YES              | YES              |
|                    |                           | IV, IM                  | NO                  | YES              | YES              |
| Nitroglycerin      | ACS                       | SL                      | YES <sup>b, c</sup> | YES              | YES              |
|                    |                           | transdermal             | NO                  | YES              | YES              |
| Olanzapine         | methamphetamine psychosis | PO                      | NO                  | YES              | YES              |
| Ondansetron        | nausea, vomiting          | IV, IO <sup>j</sup>     | NO                  | NO               | YES              |
| Oxytocin           | routine post partum       | bolus                   | NO                  | YES              | YES              |
|                    | post partum hemorrhage    | infusion                | NO                  | YES              | YES              |
| Salbutamol         | asthma, bronchospasm      | metered-dose inhaler    | YES <sup>b</sup>    | YES              | YES              |
|                    |                           | nebulizer <sup>h</sup>  | NO                  | YES              | YES              |
| Sodium bicarbonate | hyperkalemia              | IV, IO                  | NO                  | NO               | YES              |
| Tetracaine         | eye pain                  | topical                 | NO                  | YES              | YES              |
| Ticagrelor         | ACS                       | PO                      | NO                  | YES <sup>e</sup> | YES <sup>e</sup> |
| Tranexamic acid    | traumatic hemorrhage, PPH | IV, IO                  | NO                  | YES              | YES              |

### LINKS

A02 - PHYSICIAN ORDERS, CLINICAL SUPPORT & OLMS  
E04A - ACUTE CORONARY SYNDROME & STEMI  
E30A - PALLIATIVE CARE IN THE HOME  
G01 - MAINTENANCE OF ESTABLISHED MEDICATION INFUSIONS  
G02 - PRESCRIBED SCHEDULED & PRN MEDICATIONS

| APPROVED BY   |   |
|---|---|
|  |  |
| Medical Director - Provincial EMS/PT  | Associate Medical Director - Provincial EMS/PT                                      |

| VERSION CHANGES (refer to X01 for change tracking)  |
|---|
| <ul style="list-style-type: none"><li>• Exemption for nebulizer use during COVID for croup</li><li>• Addition of indication &amp; route for each medication</li><li>• Clarification regarding administration of IO meds when IO not already established (footnote j)</li><li>• Clarification of work scope for midazolam (procedural sedation - ICP only)</li></ul> |