



College of Paramedics of Manitoba		
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PURPOSE

The purpose of this document is to provide information about the scope of practice for paramedics in Manitoba under *The Regulated Health Professions Act (RHPA)*. Where necessary, additional scope of practice information will be included in the College’s practice directions.

DEFINITIONS

PRACTICE DIRECTIONS: Practice directions set out requirements related to specific aspects of the *Regulated Health Professions Act (RHPA)*, regulations and paramedic practice. Practice Directions also explain, add, or guide paramedics with respect to the subject matter described in the regulation or any other matter relevant to the practice of paramedicine. Compliance with approved practice directions is required as described under section 86 of the RHPA.

PRACTICE EXPECTATIONS: Practice expectations for paramedics regulate the quality of paramedic practice. A practice expectation is the **minimum** expectation of performance against which actual performance is compared. It defines reasonable and prudent expectations of all paramedics.

SCOPE OF PRACTICE: Scope of practice refers to the application of paramedic knowledge, skills, and judgement to the actual practice of paramedicine. The legal authority for Manitoba’s paramedic scope of practice is found in the *Practice of Paramedicine Regulation*. The scope of practice outlines the boundaries of practice for the paramedic profession. These boundaries are broad because the paramedic profession encompasses 4 different levels of paramedic education, training, and practice level.

LEGISLATION

The College of Paramedics of Manitoba is the 4th profession to become self-regulated under the [Regulated Health Professions Act \(RHPA\)](#). This umbrella legislation will eventually legislate 22 health professions. The RHPA, the [Practice of Paramedicine Regulation](#) and the [College of Paramedics of Manitoba General Regulation](#) provide the rules and processes for governance, registration, complaints, discipline, regulation and bylaw-making authority. It also specifies which reserved acts paramedics may perform.

The *Practice of Paramedicine Regulation* defines the paramedic scope of practice as:
The application of knowledge, skill, and judgment for:



- (a) *The assessment, management, and treatment of:*
- i. *an individual's injury or illness that arises from a health emergency; or*
 - ii. *an individual for the purpose of providing health care to that individual, which may include making referrals to other health or social programs or services; and*
- (b) *The provision of health education and health promotion programs to an individual.*

The application of that knowledge, skill and judgment takes place in a variety of practice settings, such as in an individual's residence, in the community, in a vehicle while transporting an individual, or in a health care facility, such as a hospital or other clinical practice setting.

The **RHPA** sets out the conditions for each profession to determine the reserved acts that align with the education, knowledge, and service provided by that profession. The reserved acts are clinical activities done in the course of providing health care that can present a risk of harm to the public when performed incompetently. *Reserved acts are to be limited to certain regulated health professions, and registrants of those professions, who are qualified and competent to perform them.*

The **College of Paramedics of Manitoba General Regulation** further outlines paramedic scope of practice under the RHPA's reserved act model.

A paramedic may perform a reserved act only if:

- (a) the member is legally permitted and competent to perform the reserved act and it is safe and appropriate for the procedure being performed; and
- (b) it is appropriate to the member's practice setting. (**College of Paramedics of Manitoba General Regulation 4.3(1)**)

A member may perform only those reserved acts as set out in the Table in the Schedule or delegated to the member in accordance with this Part, and only if the member has a valid certificate of practice and any additional training that is required. (**College of Paramedics of Manitoba General Regulation 4.3(2)**)

Please note:

A member is not required to comply with protocols and procedures unless:

- (a) the member has been made aware of the protocol or procedure; and
- (b) the protocol or procedure is consistent with the Act or the college's regulations, by-laws, standards of practice, practice directions or code of ethics. (**College of Paramedics of Manitoba General Regulation 3.10(2)**)

There are 4 distinct levels of practice spanning 4 sub-register levels for paramedics. These are:

- Emergency Medical Responder (EMR)
- Primary Care Paramedic (PCP)



- Primary Care Paramedic – Intermediate Care (as a notation on the Certificate of Practice)
- Advanced Care Paramedic (ACP)
- Critical Care Paramedic (CCP)

There are specific education, training, and entry to practice requirements for each level of practice. Included in each level of practice is a number of reserved acts that require additional training, provided by the employer, in order for the paramedic to perform those acts. A paramedic's *scope of work* may vary from their *scope of practice* based on their employer's policies, directions, and additional training. (Please see Practice Direction: Registrant and Employer Responsibilities)

In all practice areas, paramedics are expected to:

- Meet any applicable practice directions.
- Apply the requisite knowledge, skill, and judgment to competently perform any service as part of practice.
- Function within practice limitations; and
- Only perform a reserved act if it is both safe and appropriate for the reserved act to be provided.

Even though much of the discussion in the remainder of this document describes the reserved acts that are within the paramedic scope of practice, it is important to know that the paramedic scope of practice is not solely encompassed in these reserved acts. The breadth and varying depths of the paramedic scope of practice cannot be described by reserved acts alone.

Some Examples of Paramedic Practice that are not Reserved Acts under the RHPA:

- Maintaining professionalism, participating in quality assurance and enhancement programs,
- Assessing the health status of clients
- Planning the paramedic's treatment of the client
- Ongoing evaluations of treatment while in the care of paramedics
- Educating, informing, and advising clients who refuse paramedic care
- Applying critical thinking
- Analyzing data obtained by client assessment, condition of scene, and bystander reports
- EKG, Pulse Oximetry, Glucometry, Vital Signs assessment, and other diagnostic tools
- Maintaining patient dignity and comfort
- Safe transfer of clients from wherever they are encountered to the ambulance stretcher, the ambulance, or place of safety
- Transport of client(s) to appropriate facilities
- Discussion, collaboration, and interaction with other health professions
- Collaboration with other Emergency Response agencies where required
- Developing professional and therapeutic relationships
- Documenting timely, accurate Patient Care Reports and other reports
- Maintaining safety of self, client, and bystanders in the practice setting



- Teaching, mentoring, precepting, and evaluating paramedic students or other health professional students
- Determination of death
- Maintaining and ensuring ambulances and equipment are in good working order
- Ensuring the ambulance is appropriately stocked with unexpired medications and supplies
- Following Infection Prevention and Control policies and procedures and maintaining a clean ambulance and working environment
- Adhering to other applicable Manitoba Acts, such as the *Highway Traffic Act and Public Health Act*
- Driving in a safe manner, either emergent or non-emergent, while considering safety and comfort of the client, attending paramedic, and other persons in the ambulance and on the roadways
- Following policies and procedures, protocols, care maps and guidelines provided by employers

Please Note: Registrants who fall under the sub-register level of Emergency Medical Responder are expected to utilize and SPO2 monitor and Glucometer as diagnostic tools, and, in a limited fashion, apply the data received to the clinical decision of medication administration (Oxygen and anti-hypoglycemic agent administration)

AUTHORIZATION MECHANISMS

Authorizing mechanisms are a way which paramedics obtain the authority to perform reserved acts. The following authorizing mechanisms are applied to some reserved acts.

Standing Orders:

The definition of a “Standing Order” according to The College of Paramedics of Manitoba General Regulation is:

“An instruction or authorization, including one in the form of a protocol, that is given to a member to perform a reserved act by a regulated health professional who is legally permitted and competent to give the order.”

Reserved Act 9 states that a standing order is required for medication administration. The Medical Director of the employing organization must issue the standing order, and paramedics must adhere to the contents of that standing order.

Delegation:

A registrant may delegate and receive the delegation of the performance of a reserved act as provided in clause 6(1)(a) of the Regulated Health Professions Act and 4.8 of the College of Paramedics of Manitoba General Regulation.

For paramedics, a “delegation” can occur in two different ways:

- From another regulated health care professional to a paramedic



- From one registrant to another (Please note: a reserved act cannot be delegated to an EMR)

(Please refer to the Practice Direction: Delegation of Reserved Acts for more extensive information regarding delegation)

Additional Training:

Some reserved acts require the paramedic to successfully complete additional training prior to being permitted to perform the reserved act. (Please refer to the College of Paramedics of Manitoba Practice Direction: Additional Training for Reserved Acts.)

If the reserved act is appropriate to the licensure level of the paramedic, the paramedic may participate in additional training provided by the employer and approved by the College to ensure that they are competent to perform the act. All training records should be retained by the employer for audit purposes. The College also recommends that each registrant retain his or her own training records.

RESERVED ACTS FOR PARAMEDICS IN MANITOBA

This section describes each of the reserved acts and gives illustrative examples at each registrant level. It should be noted that a skill at the Emergency Medical Responder level is included in the Primary Care Paramedic level, and this continues as the practice levels advance.

It is important for paramedics and employers to understand that College staff is available for consultation regarding any question they may have related to the Reserved Acts, Practice - Directions, or any other directive issued by the College. Please direct inquiries to info@collegeparamb.ca or call 204-793-3592.



Appendix A: Emergency Medical Responder Scope of Practice

Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
3(a): Performing a procedure on tissue below the dermis	NO	Wound management - irrigating/packing/suturing/ other wound closure Management of an impaled object – leaving in situ; removing for specific reasons	To competently and safely perform a procedure on tissue below the dermis the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(b): Performing a procedure on tissue below the surface of the mucous membrane	NO	Wound management Management of an Impaled Object	To competently and safely perform a procedure on tissue below the surface of a mucous membrane the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
4(a): Inserting or removing an instrument or device	NO	Temperature monitoring via tympanic thermometer	To competently and safely perform a procedure of inserting



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
into the external ear canal			or removing an instrument or device, the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(b): Inserting or removing an instrument or device beyond the point in the nasal passages where they normally narrow	NO	Basic Airway Management (NPA)	To competently and safely perform a procedure of inserting or removing an instrument or device, the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(c): removing a device beyond the pharynx	YES	Orogastric tube (gravity drain) maintenance, Nasogastric tube maintenance (gravity drain)	To competently and safely perform a procedure of removing a device, the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(d): Removing a device from beyond the opening of the urethra	YES	Urinary Catheter Maintenance	To competently and safely perform a procedure of removing a device, the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training,



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora for obstetrical emergencies	NO	Prolapsed Umbilical Cord Airway Management of the Fetus During Breech Birth	To competently and safely perform a procedure of inserting or removing a hand or finger, the EMR must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora	YES	Obstetrical Emergencies Related to Limb Presentation	To competently and safely perform a procedure of inserting or removing a hand or finger, the EMR must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(g): Inserting or removing an instrument or device into an artificial opening in the body	YES	Positive Pressure Ventilation with a Tracheostomy, Suctioning a Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the EMR must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(g): Inserting or removing an instrument or device into an artificial opening into the body	YES	Managing Obstructed Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
5(a): Administering a substance by injection	YES	IV Maintenance	To competently and safely administer a substance according to this reserved act, the EMR must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training • meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Bag Valve Mask	To competently and safely administer a substance according to this reserved act, the EMR must: complete additional training for those purposes that require additional training <ul style="list-style-type: none"> • meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Eye Irrigation	To competently and safely administer a substance according to this reserved act, the EMR must:



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Wound Irrigation	<p>To competently and safely administer a substance according to this reserved act, the EMR must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
5(e): Administering a substance by enteral instillation or parenteral instillation	YES	Tube Maintenance of an NG tube Tube Maintenance of a PEG tube	<p>To competently and safely administer a substance according to this reserved act, the EMR must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
9: Administering oxygen	NO	Medication Administration	<p>To competently and safely administer oxygen according to this reserved act, the EMR must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> • receive a standing order where required • meet all other practice expectations and applicable practice directions.
<p>9: If there is a standing order, and with additional training, administering a drug, except vaccines, by</p> <ul style="list-style-type: none"> - auto-injector, - inhalation, metered dose inhaler or nebulizer, - buccal, oral or sublingual routes, - intranasal route 	YES	Medication Administration	<p>To competently and safely administer a drug according to this reserved act, the EMR must:</p> <ul style="list-style-type: none"> • assist the client to self-administer medications except where standing orders/protocols allow administration • complete additional training for those purposes that require additional training • receive a standing order where required • meet all other practice expectations and applicable practice directions.
10(b) Applying electricity	NO	<p>AED Without Rhythm Interpretation</p> <p>SAED Without Rhythm Interpretation</p>	<p>To competently and safely apply electricity according to this reserved act, the EMR must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training • meet all other practice expectations and applicable practice directions.
<p>12: Setting a fracture of a bone for the purpose of</p> <ul style="list-style-type: none"> • restoring perfusion, • extrication • immobilization 	NO	Fracture Management	<p>To competently and safely manage a fracture with a complication, the EMR must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none">• meet all other practice expectations and applicable practice directions.
14: Managing the delivery of a baby only where delivery is imminent while the patient is in the care of a paramedic	NO	Prehospital Delivery	To competently and safely manage the labor and delivery of a baby, the EMR must: <ul style="list-style-type: none">• complete additional education for those purposes indicated above that require additional education• collaborate with other health-care providers as necessary• meet all other practice expectations and applicable practice directions



Appendix B: Primary Care Paramedic Scope of Practice

Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
1: Making a diagnosis that is <u>appropriate to the member's practice of paramedicine</u> and communicating it to an individual or their personal representative in circumstances in which it is reasonably foreseeable that the individual or representative will rely on the diagnosis to make a decision about the individual's health care	NO	<p>Patient Assessment</p> <p>Implementation of specific care map or protocol based on patient assessment</p> <p>Determination of Obvious Death</p> <p>Discontinue (unsuccessful) Basic/Advanced Resuscitation</p>	<p>Diagnoses that are appropriate to the member's practice of paramedicine should be considered "provisional" and not definitive.</p> <p>To make a "provisional" diagnosis competently and safely according to this reserved act, the paramedic must apply skills to:</p> <ul style="list-style-type: none"> • assess, discern, plan, implement, and evaluate with the goal of improving client outcomes. • use critical thinking and reasoning skills; and • explain the provisional diagnosis to the individual and support system • meet all other practice expectations and applicable practice directions.
2: With additional training, receiving reports of screening or diagnostic tests for the purpose of assessing, diagnosing or resolving a health condition that is appropriate to the paramedic's practice and in accordance with the National Occupational Competency Profile for Paramedics	YES	<p>Tests include:</p> <p>Visualization, Auscultation, Palpation, Thorough history, Pulse, Respirations, Blood Pressure, Temperature, SPO2/ECO2, Blood Glucose, Cardiac monitoring, 12/15 lead acquisition, POCUS, Pulmonary Artery Catheter</p>	<p>Appropriate and thorough use of assessment skills allows for</p> <ul style="list-style-type: none"> • confirmation of a diagnosis • assessment/monitoring of ongoing conditions of clients with chronic illnesses, or carrying out screening activities
3(a): Performing a procedure on tissue below the dermis	NO	<p>Wound management - irrigating/packing</p>	<p>To competently and safely perform a procedure on tissue</p>



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
		Management of an impaled object – leaving in situ; removing for specific reasons	below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training; • meet all other practice expectations and applicable practice directions; • not suture below the fascia; • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(a): Performing a procedure on tissue below the dermis	YES	Removal of Foreign Body Wound Repair suturing/other wound closure Peripheral IV Cannulation Venous Blood Sample Acquisition	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training; • meet all other practice expectations and applicable practice directions; • not suture below the fascia; • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(b): Performing a procedure on tissue below the surface of the mucous membrane	NO	Wound management Management of an Impaled Object	To competently and safely perform a procedure on tissue below the surface of a mucous membrane the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<p>purposes that require additional training,</p> <ul style="list-style-type: none"> • meet all other practice expectations and applicable practice directions; • not suture below the fascia; • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
<p>3(d): Performing a procedure on tissue below the surface of a tooth</p> <p>3(d) Continued</p>	YES	Emergency Tooth Re-implantation	<p>To competently and safely perform a procedure on tissue below the surface of a tooth, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(a): Inserting or removing an instrument or device into the external ear canal	NO	Acquisition of Tympanic Temperature	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(b): Inserting or removing an instrument or device beyond the point in the nasal passages where they normally narrow	NO	Basic Airway Management (NPA)	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<p>purposes that require additional training,</p> <ul style="list-style-type: none"> • meet all other practice expectations and applicable practice directions
4(c): Inserting or removing an instrument or a device beyond the pharynx	YES	<p>Maintenance of established internal esophageal probe Maintenance of established nasogastric tube (non-gravity drain)</p>	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(c): removing a device beyond the pharynx	NO	<p>Orogastric tube (gravity drain) maintenance, Nasogastric tube maintenance (gravity drain)</p>	<p>To competently and safely perform a procedure of removing a device, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(c): Inserting a blind insertion airway device beyond the pharynx	NO	BIAD	<p>To competently and safely perform a procedure of inserting a device, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(c): Inserting or removing an instrument or a device beyond the pharynx	YES	Removing a Supraglottic Foreign Body	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(d): Removing a device from beyond the opening of the urethra	NO	Urinary Catheter Maintenance	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(d): Removing a urinary catheter	NO	Urinary Catheter Removal	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora for obstetrical emergencies	NO	Prolapsed Umbilical Cord Airway Management of the Fetus During Breech Birth	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<p>purposes that require additional training,</p> <ul style="list-style-type: none"> • meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora	YES	Obstetrical Emergencies Related to Limb Presentation	<p>To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora	YES	Obstetrical Emergencies Related to Uterine Inversion	<p>To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(f): Inserting or removing an instrument or device beyond the anal verge	YES	Continuous Core Temperature Monitoring	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			applicable practice directions
4(g): Inserting or removing an instrument or device into an artificial opening in the body	NO	Positive Pressure Ventilation with a Tracheostomy, Suctioning a Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(g): Inserting or removing an instrument or device into an artificial opening into the body	YES	Managing Obstructed Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
5(a): Administering a substance by injection	NO	IV Maintenance	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training • meet all other practice expectations and applicable practice directions.
5(b): Administering a substance by inhalation Saline administration	NO	Nebulized treatment	To competently and safely administer a substance according to this reserved act, the Paramedic must:



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Bag Valve Mask	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	YES	Continuous Positive Airway Pressure	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Eye Irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Wound Irrigation	<p>To competently and safely administer a substance according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	YES	Bladder Irrigation or Foley catheter irrigation	<p>To competently and safely administer a substance according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training receive a standing order where required meet all other practice expectations and applicable practice directions.
5(e): Administering a substance by enteral instillation or parenteral instillation	NO	Tube Maintenance of an NG tube Tube Maintenance of a PEG tube	<p>To competently and safely administer a substance according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
9: Administering oxygen	NO	Medication Administration	<p>To competently and safely administer oxygen according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
<p>9: If there is a standing order, and with additional training, administering a drug, except vaccines, by</p> <ul style="list-style-type: none"> Auto-injector Inhalation, metered-dose inhaler or nebulizer Buccal, oral or sublingual routes Intranasal 	NO	Medication Administration	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
<p>9: If there is a standing order, and with additional training, administering a drug by any method, except vaccines, incidental to the practice of paramedicine **</p> <p>** The intention of additional training for this Reserved Act is to ensure pharmacological knowledge rather than knowledge of the route of administration</p>	YES	<p>Medication Administration</p> <p>-Routes of administration include: Subcutaneous (SC); Intramuscular (IM); Intravenous (IV)</p>	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training understand indications and contraindications for all medications conduct appropriate monitoring after medication administration



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> Document all medications given meet all other practice expectations and applicable practice directions.
9: Administering a vaccine by any method in accordance with provincial requirements if the vaccine is required as part of a communicable disease response or in a public health emergency	NO	Vaccine Administration	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training understand the provincial requirements and protocols meet all other practice expectations and applicable practice directions.
10(b) Applying electricity for automated or semi-automated defibrillation without rhythm interpretation	NO	<p>AED Without Rhythm Interpretation</p> <p>SAED Without Rhythm Interpretation</p>	<p>To competently and safely apply electricity according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
10(b) Applying electricity for non-automated defibrillation	YES	Manual Defibrillation	<p>To competently and safely apply electricity according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training receive a standing order where required



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none">• meet all other practice expectations and applicable practice directions.
12: Setting a fracture of a bone for the purpose of <ul style="list-style-type: none">• restoring perfusion,• extrication• immobilization	NO	Fracture Management	To competently and safely manage a fracture with a complication, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
14: Managing the delivery of a baby only where delivery is imminent while the patient is in the care of a paramedic	NO	Prehospital Delivery	To competently and safely manage the labor and delivery of a baby, the Paramedic must: <ul style="list-style-type: none">• complete additional education for those purposes indicated above that require additional education• collaborate with other health-care providers as necessary• meet all other practice expectations and applicable practice directions



Appendix C: Intermediate Care Paramedic Scope of Practice

Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
1: Making a diagnosis that is <u>appropriate to the member's practice of paramedicine</u> and communicating it to an individual or their personal representative in circumstances in which it is reasonably foreseeable that the individual or representative will rely on the diagnosis to make a decision about the individual's health care	NO	<p>Patient Assessment</p> <p>Implementation of specific care map or protocol based on patient assessment</p> <p>Determination of Obvious Death</p> <p>Discontinue (unsuccessful) Basic/Advanced Resuscitation</p>	<p>Diagnoses that are appropriate to the member's practice of paramedicine should be considered "provisional" and not definitive.</p> <p>To make a "provisional" diagnosis competently and safely according to this reserved act, the paramedic must apply skills to:</p> <ul style="list-style-type: none"> • assess, discern, plan, implement, and evaluate with the goal of improving client outcomes. • use critical thinking and reasoning skills; and • explain the provisional diagnosis to the individual and support system • meet all other practice expectations and applicable practice directions.
2: With additional training, receiving reports of screening or diagnostic tests for the purpose of assessing, diagnosing or resolving a health condition that is appropriate to the paramedic's practice and in accordance with the National Occupational Competency Profile for Paramedics	YES	<p>Tests include:</p> <p>Visualization, Auscultation, Palpation, Thorough history, Pulse, Respirations, Blood Pressure, Temperature, SPO2/ECO2, Blood Glucose, Cardiac monitoring, 12/15 lead acquisition, POCUS, Pulmonary Artery Catheter</p>	<p>Appropriate and thorough use of assessment skills allows for</p> <ul style="list-style-type: none"> • confirmation of a diagnosis • assessment/monitoring of ongoing conditions of clients • with chronic illnesses, or carrying out screening activities
3(a): Performing a procedure on tissue below the dermis	NO	<p>Wound management - irrigating/packing</p> <p>Management of an impaled object – leaving in situ;</p>	<p>To competently and safely perform a procedure on tissue below the dermis the Paramedic must:</p>



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
		removing for specific reasons	<ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not suture below the fascia; not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(a): Performing a procedure on tissue below the dermis	NO	Removal of Foreign Body Wound Repair suturing/other wound closure Peripheral IV Cannulation Venous Blood Sample Acquisition	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not suture below the fascia; not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(a): Performing a procedure on tissue below the dermis	YES	I/O Device Insertion – Adult and pediatric? Needle decompression during Cardiac Arrest	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training,



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions; not perform surgery.
3(b): Performing a procedure on tissue below the surface of the mucous membrane	NO	Wound management Management of an Impaled Object	<p>To competently and safely perform a procedure on tissue below the surface of a mucous membrane the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not suture below the fascia; not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(d): Performing a procedure on tissue below the surface of a tooth for the purpose of <ul style="list-style-type: none"> emergency tooth re-implantation 	NO	Emergency Tooth Re-implantation -preserving the integrity of the tooth -following protocols developed by an employer	<p>To competently and safely perform a procedure on tissue below the surface of a tooth, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(a): Inserting or removing an instrument or device into the external ear canal	NO	Acquisition of Tympanic Temperature	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training,



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions
4(b): Inserting or removing an instrument or device beyond the point in the nasal passages where they normally narrow	NO	Basic Airway Management (NPA)	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Orogastric tube (gravity drain) maintenance, Nasogastric tube maintenance (gravity drain)	<p>To competently and safely perform a procedure of removing a device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): removing a device beyond the pharynx	NO	Maintenance of established internal esophageal probe Maintenance of established nasogastric tube (non-gravity drain)	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): Inserting a blind insertion airway device beyond the pharynx	NO	BIAD	<p>To competently and safely perform a procedure of inserting a device, the Paramedic must:</p>



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Removing a Supraglottic Foreign Body	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): Inserting or removing an instrument or a device beyond the pharynx	YES	Suctioning	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(d): Removing a device from beyond the opening of the urethra	NO	Urinary Catheter Maintenance	<p>To competently and safely perform a procedure of removing a device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(d): Removing a urinary catheter	NO	Urinary Catheter Removal	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora for obstetrical emergencies	NO	Obstetrical Emergencies Related to Prolapsed Umbilical Cord Airway Management of the Fetus During Breech Birth	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora	NO	Obstetrical Emergencies Related to Limb Presentation	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora	YES	Obstetrical Emergencies Related to Uterine Inversion	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training,



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions
4(f): Inserting or removing an instrument or device beyond the anal verge	YES	Continuous Core Temperature Monitoring	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(g): Inserting or removing an instrument or device into an artificial opening in the body	NO	Positive Pressure Ventilation with a Tracheostomy, Suctioning a Tracheostomy	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(g): Inserting or removing an instrument or device into an artificial opening into the body	NO	Managing Obstructed Tracheostomy	<p>To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
5(a): Administering a substance by injection	NO	IV Maintenance	<p>To competently and safely administer a substance according to this reserved act, the Paramedic must:</p>



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
5(b): Administering a substance by inhalation Saline administration	NO	Nebulized treatment	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Bag Valve Mask	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Continuous Positive Airway Pressure	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
5(d): Administering a substance	NO	Eye Irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Wound Irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Bladder Irrigation or Foley catheter irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(e): Administering a substance by enteral instillation or parenteral instillation	NO	Tube Maintenance of an NG tube Tube Maintenance of a PEG tube	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
9: Administering oxygen	NO	Medication Administration	<p>To competently and safely administer oxygen according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
<p>9: If there is a standing order, and with additional training, administering a drug, except vaccines, by</p> <ul style="list-style-type: none"> Auto-injector Inhalation, metered-dose inhaler or nebulizer Buccal, oral or sublingual routes Intranasal 	NO	Medication Administration	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
<p>9: If there is a standing order, and with additional training, administering a drug by any method, except vaccines, incidental to the practice of paramedicine **</p> <p>** The intention of additional training for this Reserved Act is to ensure pharmacological knowledge rather than knowledge of the route of administration</p>	YES	<p>Medication Administration</p> <p>Routes of Administration include Subcutaneous (SC); Intramuscular (IM), Intravenous (IV)</p>	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training understand indications and contraindications for all medications conduct appropriate monitoring after medication administration Document all medications given



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
9: Administering a vaccine by any method in accordance with provincial requirements if the vaccine is required as part of a communicable disease response or in a public health emergency	NO	Vaccine Administration	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training understand the provincial requirements and protocols meet all other practice expectations and applicable practice directions.
10(b): Applying electricity	YES	<p>Cardioversion</p> <p>Transcutaneous Cardiac Pacing</p>	<p>To competently and safely apply electricity according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training receive a standing order where required meet all other practice expectations and applicable practice directions.
10(b) Applying electricity	NO	<p>AED Without Rhythm Interpretation</p> <p>SAED Without Rhythm Interpretation</p>	<p>To competently and safely apply electricity according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training receive a standing order where required meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
10(b) Applying electricity	NO	Manual Defibrillation	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• receive a standing order where required• meet all other practice expectations and applicable practice directions.
12: Setting a fracture of a bone for the purpose of <ul style="list-style-type: none">• restoring perfusion• extrication• immobilization	NO	Fracture Management	To competently and safely manage a fracture with a complication, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
12: Setting a dislocation of a joint in <i>approved circumstances</i>	YES	Dislocation Management Currently approved circumstances include: <ul style="list-style-type: none">• Interference with extrication• Interference with Transport• Distal circulation compromise	To competently and safely manage a dislocation without a complication, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• understand the limitations of the approved circumstances• receive a standing order where required• meet all other practice expectations and applicable practice directions.
14: Managing the delivery of a baby only where delivery is imminent while the patient is in the care of a paramedic	NO	Prehospital Delivery	To competently and safely manage the labor and delivery of a baby, the Paramedic must: complete additional education for those purposes indicated above that require additional education <ul style="list-style-type: none">• collaborate with other health-care providers as necessary• meet all other practice expectations and applicable practice directions



Appendix D: Advanced Care Paramedic Scope of Practice

Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
1: Making a diagnosis that is appropriate to the member's practice of paramedicine and communicating it to an individual or their personal representative in circumstances in which it is reasonably foreseeable that the individual or representative will rely on the diagnosis to make a decision about the individual's health care	NO	Patient Assessment Implementation of specific care map or protocol based on patient assessment Determination of Obvious Death Discontinue (unsuccessful) Basic/Advanced Resuscitation	Diagnoses that are appropriate to the member's practice of paramedicine should be considered "provisional" and not definitive. To make a "provisional" diagnosis competently and safely according to this reserved act, the paramedic must apply skills to: <ul style="list-style-type: none">• assess, discern, plan, implement, and evaluate with the goal of improving client outcomes.• use critical thinking and reasoning skills; and• explain the provisional diagnosis to the individual and support system• meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
<p>2: With additional training, receiving reports of screening or diagnostic tests for the purpose of assessing, diagnosing or resolving a health condition that is appropriate to the paramedic's practice and in accordance with the National Occupational Competency Profile for Paramedics</p>	<p>YES</p>	<p>Tests include: Visualization, Auscultation, Palpation, Thorough history, Pulse, Respirations, Blood Pressure, Temperature, SPO2/ECO2, Blood Glucose, Cardiac monitoring, 12/15 lead acquisition, POCUS, Pulmonary Artery Catheter</p>	<p>Appropriate and thorough use of assessment skills allows for</p> <ul style="list-style-type: none"> • confirmation of a diagnosis • assessment/monitoring of ongoing conditions of clients with chronic illnesses, or carrying out screening activities
<p>2: With additional training, receiving X-rays, but only for confirmation of device placement</p>	<p>YES</p>	<p>Tracheal intubation Chest tube insertion</p>	<p>To competently and safely perform the receiving of reports of screening or diagnostic tests, the Paramedic must:</p> <ul style="list-style-type: none"> • work within the employer's established policy, procedures, and practice supports to safely manage the receiving and follow-up of results; • establish efficient and safe processes for response to critical screening and diagnostic test results including any necessary collaboration with other healthcare providers; • seek information to ensure understanding and necessary follow-up of test results and diagnostic interpretation by specialist(s); • document the reports received and any actions taken based on the results of the report •



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
3(a): Performing a procedure on tissue below the dermis	NO	Wound management - irrigating/packing Management of an impaled object – leaving in situ; removing for specific reasons	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not suture below the fascia; not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(a): Performing a procedure on tissue below the dermis	NO	Removal of Foreign Body Wound Repair suturing/other wound closure Peripheral IV Cannulation Venous Blood Sample Acquisition	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not suture below the fascia;



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(a): Performing a procedure on tissue below the dermis	NO	I/O Device Insertion – Adult and pediatric? Needle decompression during Cardiac Arrest	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not perform surgery.
3(a): Performing a procedure on tissue below the dermis	NO	Needle Decompression for Tension Pneumothorax	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not perform surgery.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
3(a): With additional training, performing a procedure on tissue below the dermis	YES	Thoracostomy	<p>To competently and safely perform a procedure on tissue below the dermis the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions; • not suture below the fascia; • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(a): Performing a procedure on tissue below the dermis	YES	Managing Patients with an Established Indwelling Arterial Catheter	<p>To competently and safely perform a procedure on tissue below the dermis the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions; • not suture below the fascia; • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(b): Performing a procedure on tissue below the surface of the mucous membrane	NO	Wound management Management of an Impaled Object	<p>To competently and safely perform a procedure on tissue below the surface of a mucous membrane the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions; • not suture below the fascia;



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(b): Performing a procedure on tissue below the surface of a mucous membrane	YES	Needle (percutaneous) Cricothyroidotomy Surgical Cricothyroidotomy	To competently and safely perform a procedure on tissue below the surface of a mucous membrane the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions; not suture below the fascia; not perform procedure on tissue on or below the surface of a tooth for dental implant; and not perform surgery.
3(d): Performing a procedure on tissue below the surface of a tooth for the purpose of <ul style="list-style-type: none"> emergency tooth re-implantation 	NO	Emergency Tooth Re-implantation	To competently and safely perform a procedure on tissue below the surface of a tooth, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(a): Inserting or removing an instrument or device into the external ear canal	NO	Acquisition of Tympanic Temperature	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(b): Inserting or removing an instrument or device beyond the point in the nasal passages where they normally narrow	NO	Basic Airway Management (NPA)	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(b): Inserting or removing an instrument or device beyond the point in the nasal passages where they normally narrow	YES	Nasal Tracheal Intubation Insertion of a Device for Epistaxis	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Orogastric tube (gravity drain) maintenance, Nasogastric tube maintenance (gravity drain)	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): removing a device beyond the pharynx	NO	Maintenance of established internal esophageal probe Maintenance of established nasogastric tube (non-gravity drain)	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): Inserting a blind insertion airway device beyond the pharynx	NO	BIAD	To competently and safely perform a procedure of inserting a device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions
4(c): With additional training, inserting or removing an instrument or a device beyond the pharynx	YES	Orogastric Tube Insertion and Maintenance	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Removing a Supraglottic Foreign Body	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Suctioning	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Nasogastric Tube Insertion Endotracheal Intubation Forceps Removal of Tracheal Foreign Body	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(d): Removing a device from beyond the opening of the urethra	NO	Urinary Catheter Maintenance	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(d): Removing a urinary catheter	NO	Urinary Catheter Removal	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(d): Inserting a device beyond the opening of the urethra	NO	Urinary catheterization	To competently and safely perform a procedure of inserting a device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora	NO	Obstetrical Emergencies Related to: Prolapsed Umbilical Cord Airway Management of the Fetus During Breech Birth	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
	NO	Obstetrical Emergencies Related to: Limb Presentation	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
	NO	Obstetrical Emergencies Related to Uterine Inversion	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(e): Inserting or removing a hand or finger beyond the labia majora	YES	Obstetrical Emergencies Related to: Shoulder Dystocia	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(e): With additional training, inserting or removing a hand or finger beyond the labia majora	YES	Obstetrical Emergencies Related for the Purpose of Bimanual Compression	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions
4(f): Inserting or removing an instrument or device beyond the anal verge	NO	Continuous Core Temperature Monitoring	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(g): Inserting or removing an instrument or device into an artificial opening in the body	NO	Positive Pressure Ventilation with a Tracheostomy, Suctioning a Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
4(g): Inserting or removing an instrument or device into an artificial opening into the body	NO	Managing Obstructed Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions
5(a): Administering a substance by injection	NO	IV Maintenance	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(b): Administering a substance by inhalation	NO	Nebulized treatment	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
5(c): Administering a substance by mechanical ventilation	NO	Bag Valve Mask	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Continuous Positive Airway Pressure	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	YES	Bi-level Positive Airway Pressure	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
5(d): Administering a substance	NO	Eye Irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Wound Irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Bladder Irrigation or Foley catheter irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training• meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
5(e): Administering a substance by enteral instillation or parenteral instillation	NO	Tube Maintenance of an NG tube Tube Maintenance of a PEG tube	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
5(f): If there is an order <i>specific to the patient</i> from a regulated health professional who is legally permitted and competent to give the order	YES	Administering Blood Products by Transfusion	To competently and safely administer a blood according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training implement safe blood product administration practices (2 person check) meet all other practice expectations and applicable practice directions.
9: Administering oxygen	NO	Medication Administration	To competently and safely administer oxygen according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
9: If there is a standing order, and with additional training, administering a drug, except vaccines, by <ul style="list-style-type: none"> Auto-injector Inhalation, metered-dose inhaler or nebulizer 	NO	Medication Administration	To competently and safely administer a drug according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
<ul style="list-style-type: none"> Buccal, oral or sublingual routes Intranasal 			
<p>9: If there is a standing order, and with additional training, administering a drug by any method, except vaccines, incidental to the practice of paramedicine **</p> <p>** The intention of additional training for this Reserved Act is to ensure pharmacological knowledge rather than knowledge of the route of administration</p>	YES	<p>Medication Administration</p> <p>-Routes of administration include: Subcutaneous (SC); Intramuscular (IM); Intravenous (IV)</p>	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training understand indications and contraindications for all medications conduct appropriate monitoring after medication administration Document all medications given meet all other practice expectations and applicable practice directions.
<p>9: Administering a vaccine by any method in accordance with provincial requirements if the vaccine is required as part of a communicable disease response or in a public health emergency</p>	NO	Vaccine Administration	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training understand the provincial requirements and protocols meet all other practice expectations and applicable practice directions.
<p>10(a): With additional training, applying point-of-care ultrasound to facilitate intravenous cannulation</p>	YES	Facilitate Intravenous Cannulation	<p>To competently and safely apply ultrasound according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training receive a standing order where required meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
10(a): With additional training, applying point-of-care ultrasound in approved circumstances	YES	There are currently no additional approved circumstances for ACP's to apply POCUS	
10(b) Applying or ordering the application of electricity	NO	Cardiac Pacemaker Therapy	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training • meet all other practice expectations and applicable practice directions.
10(b): Applying electricity	NO	Cardioversion Transcutaneous Cardiac Pacing	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training • meet all other practice expectations and applicable practice directions.
10(b) Applying electricity	NO	AED Without Rhythm Interpretation SAED Without Rhythm Interpretation	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
10(b) Applying electricity	NO	Manual Defibrillation	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
12: Setting a fracture of a bone for the purpose of <ul style="list-style-type: none"> restoring perfusion, extrication immobilization 	NO	Fracture Management	To competently and safely manage a fracture with a complication, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training meet all other practice expectations and applicable practice directions.
12: Setting a dislocation of a joint in approved circumstances	NO	Dislocation Management Currently approved circumstances include: <ul style="list-style-type: none"> Interference with extrication Interference with Transport Distal circulation compromise 	To competently and safely manage a dislocation without a complication, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training understand the limitations of the approved circumstances receive a standing order where required meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
14: Managing the delivery of a baby only where delivery is imminent while the patient is in the care of a paramedic	NO	Prehospital Delivery	To competently and safely manage the labor and delivery of a baby, the Paramedic must: <ul style="list-style-type: none">• complete additional education for those purposes indicated above that require additional education• collaborate with other health-care providers as necessary• meet all other practice expectations and applicable practice directions



Appendix E: Critical Care Paramedic Scope of Practice

Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
<p>1: Making a diagnosis that is <u>appropriate to the member's practice of paramedicine</u> and communicating it to an individual or their personal representative in circumstances in which it is reasonably foreseeable that the individual or representative will rely on the diagnosis to make a decision about the individual's health care</p>	<p>NO</p>	<p>Patient Assessment</p> <p>Implementation of specific care map or protocol based on patient assessment.</p> <p>Determination of Obvious Death</p> <p>Discontinue (unsuccessful) Basic/Advanced Resuscitation</p>	<p>Diagnoses that are appropriate to the member's practice of paramedicine should be considered "provisional" and not definitive.</p> <p>To make a "provisional" diagnosis competently and safely according to this reserved act, the paramedic must apply skills to:</p> <ul style="list-style-type: none"> • assess, discern, plan, implement, and evaluate with the goal of improving client outcomes. • use critical thinking and reasoning skills; and • explain the provisional diagnosis to the individual and support system • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
<p>2: With additional training, receiving reports of screening or diagnostic tests for the purpose of assessing, diagnosing or resolving a health condition that is appropriate to the paramedic's practice and in accordance with the National Occupational Competency Profile for Paramedics</p>	<p>YES</p>	<p>Tests include: Visualization, Auscultation, Palpation, Thorough history, Pulse, Respirations, Blood Pressure, Temperature, SPO2/ECO2, Blood Glucose, Cardiac monitoring, 12/15 lead acquisition, POCUS, Pulmonary Artery Catheter</p>	<p>Appropriate and thorough use of assessment skills allows for</p> <ul style="list-style-type: none"> • confirmation of a diagnosis • assessment/monitoring of ongoing conditions of clients with chronic illnesses, or carrying out screening activities
<p>2: With additional training, receiving X-rays, but only for confirmation of device placement</p>	<p>YES</p>	<p>Tracheal intubation Chest tube insertion</p>	<p>To competently and safely perform the receiving of reports of screening or diagnostic tests, the Paramedic must:</p> <ul style="list-style-type: none"> • work within the employer's established policy, procedures, and practice supports to safely manage the receiving and follow-up of results. • establish efficient and safe processes for response to critical screening and diagnostic test results including any necessary collaboration with other healthcare providers. • seek information to ensure understanding and necessary follow-up of test results and diagnostic interpretation by specialist(s). • document the reports received and any actions taken based on the results of the report. • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
3(a): Performing a procedure on tissue below the dermis.	NO	Wound management - irrigating/packing. Management of an impaled object – leaving in situ; removing for specific reasons.	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(a): Performing a procedure on tissue below the dermis.	NO	Removal of Foreign Body Wound Repair suturing/other wound closure. Peripheral IV Cannulation Venous Blood Sample Acquisition	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(a): Performing a procedure on tissue below the dermis.	NO	I/O Device Insertion – Adult and pediatric Needle decompression during Cardiac Arrest	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not perform surgery.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
3(a): Performing a procedure on tissue below the dermis.	NO	Needle Decompression for Tension Pneumothorax	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not perform surgery.
3(a): With additional training, performing a procedure on tissue below the dermis.	YES	Thoracostomy	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(a): Performing a procedure on tissue below the dermis.	NO	Managing Patients with an Established Indwelling Arterial Catheter	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
3(a): With additional training, performing a procedure on tissue below the dermis.	YES	Arterial Blood Sample Acquisition Umbilical Arterial Cannulation	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(a): Performing a procedure on tissue below the dermis.	NO	Monitoring an Established Pulmonary Artery Catheter and interpreting data, Umbilical Venous Cannulation	To competently and safely perform a procedure on tissue below the dermis the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia. • not perform procedure on tissue on or below the surface of a tooth or dental implant; and • not perform surgery.
3(b): Performing a procedure on tissue below the surface of the mucous membrane.	NO	Wound management. Management of an Impaled Object	To competently and safely perform a procedure on tissue below the surface of a mucous membrane the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions. • not suture below the fascia.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(b): Performing a procedure on tissue below the surface of a mucous membrane.	NO	Needle (percutaneous) Cricothyroidotomy Surgical Cricothyroidotomy	To competently and safely perform a procedure on tissue below the surface of a mucous membrane the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions. not suture below the fascia. not perform procedure on tissue on or below the surface of a tooth or dental implant; and not perform surgery.
3(d): Performing a procedure on tissue below the surface of a tooth.	NO	Emergency Tooth Re-implantation	To competently and safely perform a procedure on tissue below the surface of a tooth, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.
4(a): Inserting or removing an instrument or device into the external ear canal.	NO	Acquisition of Tympanic Temperature	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(b): Inserting or removing an instrument or device beyond the point in the nasal passages where they normally narrow.	NO	Basic Airway Management (NPA)	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.
4(b): Inserting or removing an instrument or device beyond the point in the nasal passages where they normally narrow.	NO	Nasal Tracheal Intubation Insertion of a Device for Epistaxis	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Orogastric tube (gravity drain) maintenance, Nasogastric tube maintenance (gravity drain)	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.
4(c): removing a device beyond the pharynx	NO	Maintenance of established internal esophageal probe Maintenance of established nasogastric tube (non-gravity drain)	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(c): Inserting a blind insertion airway device beyond the pharynx	NO	BIAD	To competently and safely perform a procedure of inserting a device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions.
4(c): With additional training, inserting or removing an instrument or a device beyond the pharynx	YES	Orogastric Tube Insertion and Maintenance	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions.
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Removing a Supraglottic Foreign Body	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions.
4(c): Inserting or removing an instrument or a device beyond the pharynx	NO	Suctioning	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training,• meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(c): Inserting or removing an instrument or a device beyond the pharynx.	NO	Nasogastric Tube Insertion Endotracheal Intubation Forceps Removal of Tracheal Foreign Body	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.
4(c): With additional training, inserting or removing an instrument or device, hand or finger beyond the pharynx.	YES	Endotracheal Intubation with Paralytics	To competently and safely perform a procedure of inserting or removing an instrument or device, hand or finger, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.
4(d): Removing a device from beyond the opening of the urethra.	NO	Urinary Catheter Maintenance	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.
4(d): Removing a urinary catheter.	NO	Urinary Catheter Removal	To competently and safely perform a procedure of removing a device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(d): Inserting a device beyond the opening of the urethra.	NO	Urinary catheterization	To competently and safely perform a procedure of inserting a device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.
4(e): Inserting or removing a hand or finger beyond the labia majora for obstetrical emergencies.	NO	Obstetrical Emergencies Related to Prolapsed Umbilical Cord Airway Management of the Fetus During Breech Birth	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.
4(e): Inserting or removing a hand or finger beyond the labia majora.	NO	Obstetrical Emergencies Related to Limb Presentation	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.
4(e): Inserting or removing a hand or finger beyond the labia majora.	NO	Obstetrical Emergencies Related to Uterine Inversion	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(e): Inserting or removing a hand or finger beyond the labia majora	NO	Obstetrical Emergencies Related to Shoulder Dystocia	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.
4(e): With additional training, inserting or removing a hand or finger beyond the labia majora	YES	Obstetrical Emergencies Related for the Purpose of Bimanual Compression	To competently and safely perform a procedure of inserting or removing a hand or finger, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.
4(f): Inserting or removing an instrument or device beyond the anal verge	NO	Continuous Core Temperature Monitoring	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.
4(g): Inserting or removing an instrument or device into an artificial opening in the body	NO	Positive Pressure Ventilation with a Tracheostomy, Suctioning a Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> complete additional training for those purposes that require additional training, meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
4(g): Inserting or removing an instrument or device into an artificial opening into the body	NO	Managing Obstructed Tracheostomy	To competently and safely perform a procedure of inserting or removing an instrument or device, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training, • meet all other practice expectations and applicable practice directions.
5(a): Administering a substance by injection	NO	IV Maintenance	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
5(b): Administering a substance by inhalation.	NO	Nebulized treatment	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Bag Valve Mask	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Continuous Positive Airway Pressure	<p>To competently and safely administer a substance according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
5(c): Administering a substance by mechanical ventilation	NO	Bi-level Positive Airway Pressure	<p>To competently and safely administer a substance according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training.
			<ul style="list-style-type: none"> • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Eye Irrigation	<p>To competently and safely administer a substance according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
5(d): Administering a substance	NO	Wound Irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training.• receive a standing order where required.• meet all other practice expectations and applicable practice directions.
5(d): Administering a substance	NO	Bladder Irrigation or Foley catheter irrigation	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training.• receive a standing order where required.• meet all other practice expectations and applicable practice directions.
5(e): Administering a substance by enteral instillation or parenteral instillation	NO	Tube Maintenance of an NG tube Tube Maintenance of a PEG tube	To competently and safely administer a substance according to this reserved act, the Paramedic must: <ul style="list-style-type: none">• complete additional training for those purposes that require additional training.• receive a standing order where required.• meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
5(f): If there is an order specific to the patient from a regulated health professional who is legally permitted and competent to give the order	NO	Administering Blood Products by Transfusion	To competently and safely administer a blood according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • implement safe blood product administration practices (2-person check) • meet all other practice expectations and applicable practice directions
9: Administering oxygen	NO	Medication Administration	To competently and safely administer oxygen according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • meet all other practice expectations and applicable practice directions.
9: If there is a standing order, and with additional training, administering a drug, except vaccines, by <ul style="list-style-type: none"> • Auto-injector • Inhalation, metered-dose inhaler or nebulizer. • Buccal, oral or sublingual routes • Intranasal ** The intention of additional training for this Reserved Act is to ensure pharmacological knowledge rather than knowledge of the route of administration.	YES	Medication Administration	To competently and safely administer a drug according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • meet all other practice expectations and applicable practice directions. • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
<p>9: If there is a standing order, and with additional training, administering a drug by any method, except vaccines, incidental to the practice of paramedicine **</p> <p>** The intention of additional training for this Reserved Act is to ensure pharmacological knowledge rather than knowledge of the route of administration.</p>	YES	<p>Medication Administration</p> <p>-Routes of administration include Subcutaneous (SC); Intramuscular (IM); Intravenous (IV) Intraosseous (IO)</p> <p>Administering Medication through an established infusion device</p>	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • understand indications and contraindications for all medications. • conduct appropriate monitoring after medication administration. • Document all medications given. • meet all other practice expectations and applicable practice directions.
<p>9: Administering a vaccine by any method in accordance with provincial requirements if the vaccine is required as part of a communicable disease response or in a public health emergency</p>	NO	Vaccine Administration	<p>To competently and safely administer a drug according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • understand the provincial requirements and protocols. • meet all other practice expectations and applicable practice directions.
<p>10(a): With additional training, applying point-of-care ultrasound.</p>	YES	Facilitate Intravenous Cannulation	<p>To competently and safely apply ultrasound according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
10(a): With additional training, applying point-of-care ultrasound in approved circumstances	YES	Intra-abdominal Free Fluid or Blood Pericardial Fluid or Blood Organized Cardiac Contractile Activity Abdominal Aneurysm Pneumothorax Pleural Fluid or Blood	To competently and safely apply ultrasound according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
10(b) Applying or ordering the application of electricity	NO	Cardiac Pacemaker Therapy	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
10(b): Applying electricity	NO	Cardioversion Transcutaneous Cardiac Pacing	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required. • meet all other practice expectations and applicable practice directions.
10(b) Applying electricity for automated or semi-automated defibrillation without rhythm interpretation	NO	AED Without Rhythm Interpretation SAED Without Rhythm Interpretation	To competently and safely apply electricity according to this reserved act, the Paramedic must: <ul style="list-style-type: none"> • complete additional training for those purposes that require additional training. • receive a standing order where required.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
			<ul style="list-style-type: none"> meet all other practice expectations and applicable practice directions.
10(b) Applying electricity	NO	Manual Defibrillation	<p>To competently and safely apply electricity according to this reserved act, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training. receive a standing order where required. meet all other practice expectations and applicable practice directions.
<p>12: Setting a fracture of a bone for the purpose of</p> <ul style="list-style-type: none"> restoring perfusion, extrication immobilization 	NO	Fracture Management	<p>To competently and safely manage a fracture with a complication, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training. receive a standing order where required. meet all other practice expectations and applicable practice directions.
12: Setting a dislocation of a joint in approved circumstances	NO	<p>Dislocation Management</p> <p>Currently approved circumstances include:</p> <ul style="list-style-type: none"> Interference with extrication Interference with Transport Distal circulation compromise 	<p>To competently and safely manage a dislocation without a complication, the Paramedic must:</p> <ul style="list-style-type: none"> complete additional training for those purposes that require additional training. understand the limitations of the approved circumstances. receive a standing order where required. meet all other practice expectations and applicable practice directions.



Reserved Act	Additional training Required?	Procedure Example	Additional Procedural Information
14: Managing the delivery of a baby only where delivery is imminent while the patient is in the care of a paramedic	NO	Prehospital Delivery	To competently and safely manage the labor and delivery of a baby, the Paramedic must: <ul style="list-style-type: none">• complete additional education for those purposes indicated above that require additional education.• collaborate with other health-care providers as necessary.• meet all other practice expectations and applicable practice directions.