




ASTRON
ENERGY

CLINICAL PRACTICE GUIDELINES



This document serves to inform all emergency care providers that the below Clinical Practice Guidelines (CPGs) and related capabilities and medications have been adopted by the Professional Board for Emergency Care (PBEC) for use and implementation by all registered emergency care providers.

It is the responsibility of all registered persons to a.) familiarize themselves and b.) undergo learning/training activities related to the contents of the document. In addition to familiarization, it is important that as far as possible, and where relevant, the related clinical practice guideline is used during all clinical encounters.

BASIC AMBULANCE ASSISTANCE

Air Way Management

Basic manual airway manoeuvres

Suctioning of the airway

Manual airway obstruction manoeuvres (conscious choking patient)

Oropharyngeal airway insertion

Nasopharyngeal tube airway insertion

Oxygen and Ventilation

Oxygen administration

Nebulization of medications on scope of practice

Use of pulse oximetry

Bag-valve mask manual ventilation

Bag-valve tube manual ventilation

Circulatory Management

Blood pressure measurement including the use of NIBP (automated)

Oral rehydration

External haemorrhage control including use of tourniquet

Topical Haemostatic Agents

Automated external defibrillation

Precordial thump

Obstetric Management

Normal vaginal delivery as per scope of practice

Prolapsed cord management as per scope of practice

Breech delivery management as per scope of practice

Mal-presentations management as per scope of practice

Preterm labour management as per scope of practice

Obstructed labour management as per scope of practice

Post-partum haemorrhage management as per scope of practice

General

Cardiac arrest management (adult, child, infant & neonate) as per scope of practice

Clinical assessment (as per level of care)

Vital Sign Assessment

Finger prick and blood glucose measurement (manual and electronic)

Spinal Movement Restriction

Application of limb splints

Application of pelvic binding devices

Application of vacuum mattress

Emergency wound care as per scope of practice

Inter-facility transfers as per relevant scope of practice

Use of an incubator

List of Medications

Acetyl Salicylic Acid

Activated Charcoal

Ipratropium Bromide

Medical oxygen

Nitrous oxide

Oral glucose powder/gel

β 2 Stimulants (inhaled)

Pentthoxyflurane

Ambulance Emergency Assistance

Airway Management

Basic manual airway manoeuvres

Suctioning of the airway – upper

Manual airway obstruction manoeuvres (conscious choking patient)

Oropharyngeal airway insertion

Nasopharyngeal tube airway insertion

Needle cricothyroidotomy

Oxygen and Ventilation

Oxygen administration

Nebulization of medications on scope of practice

Use of pulse oximetry

Needle thoracentesis (Adult and paediatric)

Bag-valve mask manual ventilation

Bag-valve tube manual ventilation

Use of capnography/capnometry - via facemask/nasal cannula

Circulatory Management

Peripheral intravenous cannulation as per relevant protocol – limbs and hands (All ages >1 year old)

Intravenous fluid therapy (for purposes other than drug administration - Adult)

Intravenous fluid therapy (for purposes other than drug administration – Infant and Paediatric)

Oral rehydration

Intravenous/intraosseous drug administration as per scope of practice

Subcutaneous drug administration as per scope of practice

Intramuscular drug administration as per scope of practice

External haemorrhage control including use of tourniquet

Topical Haemostatic Agents

Use of pneumatic anti-shock garment

Use of non-pneumatic anti-shock garment

Automated external defibrillation

Manual defibrillation (asynchronous)

Precordial thump

3-Lead ECG monitoring and diagnosis as per scope of practice

Obstetric Management

Normal vaginal delivery as per scope of practice

Prolapsed cord management as per scope of practice

Breech delivery management as per scope of practice

Mal-presentations management as per scope of practice

Preterm labour management as per scope of practice

Obstructed labour management as per scope of practice

Post-partum haemorrhage management as per scope of practice

General

Cardiac arrest management (adult, child, infant & neonate) as per scope of practice

Clinical assessment (as per level of care)

Vital Sign Assessment

Finger prick and blood glucose measurement (manual and electronic)

Peak flow measurement and interpretation

Cervical spinal clearance

Spinal Movement Restriction

Application of limb splints

Application of pelvic binding devices

Application of vacuum mattress

Cervical spinal clearance

Spinal Movement Restriction

Application of limb splints

Application of pelvic binding devices

Application of vacuum mattress

Emergency wound care as per scope of practice

Withdrawal of resuscitation efforts

Withholding resuscitation

Inter-facility transfers as per relevant scope of practice

Use of an incubator

LIST OF MEDICATION

Acetyl Salicylic Acid

Activated Charcoal

Adrenaline – use in anaphylaxis and cardiac arrest

Hydrocortisone (IV)

Methylprednisole (IV)

Dextrose Intravenous (Adult)

Dextrose Intravenous (Paediatric and Neonate)

Glucagon

Ipratropium Bromide

Magnesium Sulphate (Intramuscular)

Naloxone hydrochloride

Medical oxygen

Nitrous oxide

Oral glucose powder/gel

Thiamine

β2 Stimulants (inhaled)

Penthroxyflurane



 Thank you