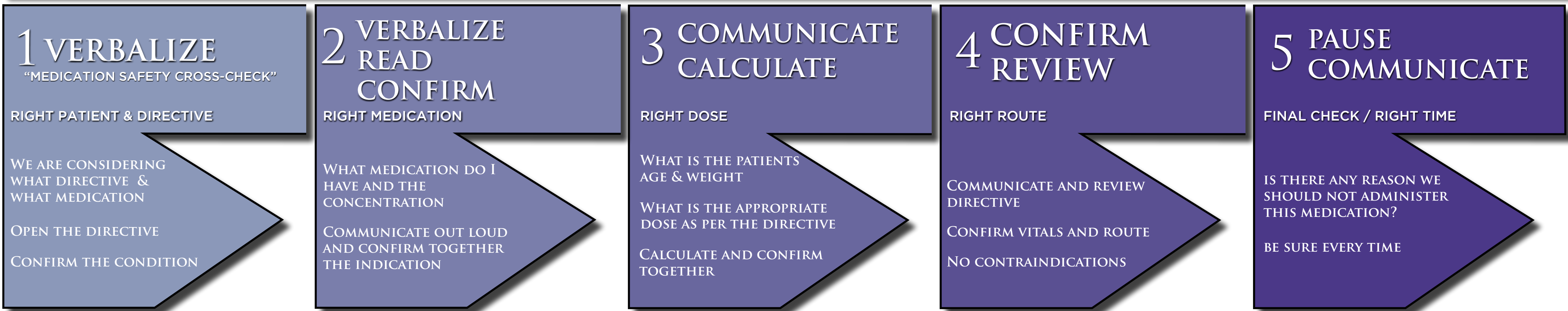


MEDICATION SAFETY CROSS-CHECK

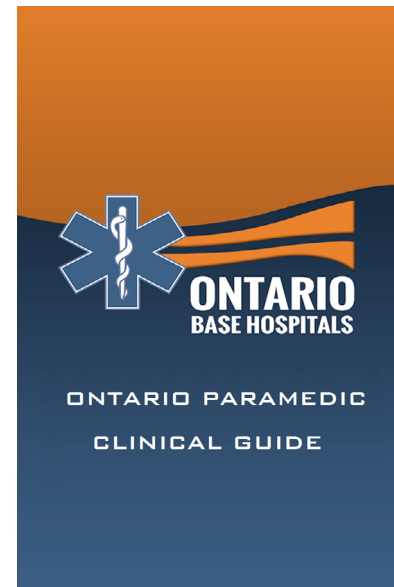


Advanced Care Paramedic
Medical Directives

- Introduction
- Airway/Breathing
- Cardiac/Circulation
- Level of Consciousness
- Pain/Sedation/Nausea
- Procedural
- Medical References
- Medication Information
- Contact
- Destination Guidelines

Primary Care Paramedic
Medical Directives

- Introduction
- Airway/Breathing
- Cardiac/Circulation
- Level of Consciousness/Pain/Nausea
- Procedural
- Medical References
- Medication Information
- Contact
- Destination Guidelines



*Dose (0.01 mg/kg) is rounded to the nearest 0.05mg
Use a 1 mL syringe*

AGE	WEIGHT	DOSE (mg)	VOLUME (mL)
3 months	5 kg	0.05 mg	0.05 mL
6 months	8 kg	0.08 mg	0.10 mL
9 months	10 kg	0.10 mg	0.10 mL
1 year	12 kg	0.12 mg	0.10 mL
2 years	14 kg	0.14 mg	0.15 mL
3 years	16 kg	0.16 mg	0.15 mL
4 years	18 kg	0.18 mg	0.20 mL
5 years	20 kg	0.20 mg	0.20 mL
6 years	22 kg	0.22 mg	0.20 mL
7 years	24 kg	0.24 mg	0.25 mL
8 years	26 kg	0.26 mg	0.25 mL
9 years	28 kg	0.28 mg	0.30 mL
10 years	30 kg	0.30 mg	0.30 mL
11 years	32 kg	0.32 mg	0.30 mL
12 years	34 kg	0.34 mg	0.35 mL
13 years	36 kg	0.36 mg	0.35 mL
14 years	38 kg	0.38 mg	0.40 mL
Adult	50 kg	0.50 mg	0.50 mL

Bronchoconstriction Medical Directive

An Advanced Care Paramedic may provide the treatment prescribed in this Medical Directive if authorized.

INDICATIONS
Respiratory distress
AND
Suspected bronchoconstriction

CONDITIONS

Salbutamol	Epinephrine
AGE: N/A	AGE: N/A
LOA: N/A	WEIGHT: N/A
HR: N/A	LOA: N/A
RR: N/A	HR: N/A
SBP: N/A	RR: BVM ventilation required
Other: N/A	SBP: N/A
	Other: Hx of asthma

CONTRAINDICATIONS

Salbutamol	Epinephrine
Allergy or sensitivity to salbutamol	Allergy or sensitivity to epinephrine

TREATMENT

SRs Patient · Drug · Dose · Route · Time.

Consider **salbutamol**:

	Weight <25 kg		Weight ≥25 kg	
	Route MDI*	Route NEB	Route MDI*	Route NEB
Dose	Up to 600 mcg (6 puffs)	2.5 mg	Up to 800 mcg (8 puffs)	5 mg
Max. single dose	600 mcg	2.5 mg	800 mcg	5 mg
Dosing interval	5-15 min. PRN	5-15 min. PRN	5-15 min. PRN	5-15 min. PRN
Max. # of doses	3	3	3	3

* 1 puff=100mcg

Consider **epinephrine**:

	Route IM
	Concentration
	1 mg/mL = 1:1,000
Dose	0.01 mg/kg**
Max. single dose	0.5 mg
Dosing interval	N/A
Max. # of doses	1

**The epinephrine dose may be rounded to the nearest 0.05 mg.

- CLINICAL CONSIDERATIONS**
- Epinephrine should be the 1st medication administered if the patient is apneic. Salbutamol MDI may be administered subsequently using a BVM MDI adapter.
 - Nebulization is contraindicated in patients with a known or suspected fever or in the setting of a declared febrile respiratory illness outbreak by the local medical officer of health.
 - When administering salbutamol MDI, the rate of administration should be 100 mcg approximately every 4 breaths.
 - A spacer should be used when administering salbutamol MDI.