

SALBUTAMOL (*Ventolin*) (A)

(Revised: October 2020)



TYPE: Synthetic β_2 receptor stimulant [S4]

PRESENTATIONS: Pressurised metered dose inhaler (pMDI) – 100mcg per activation

ACTIONS:

1. Bronchodilation
2. Relaxation of involuntary muscle
3. Moves K^+ from extracellular to intracellular space

USES:	ICP	1. Respiratory distress due to asthma or COPD	AP
	ICP	2. Emergency treatment of suspected hyperkalaemia	AP

ADVERSE EFFECTS:

1. Tachycardia
2. Tremors
3. Hypotension

CONTRA-INDICATION: Known hypersensitivity

DOSES:

MILD TO MODERATE RESPIRATORY DISTRESS

pMDI via spacer

ADULT ≥ 6 yrs:

ICP	4-12 actuations – repeat every 20-30 minutes – 1 actuation to 4 breaths	AP
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PAEDIATRIC < 6 yrs:

ICP	2-6 actuations – repeat every 20-30 minutes – 1 actuation to 4 breaths	AP
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SEVERE RESPIRATORY DISTRESS

pMDI (via spacer or with pMDI adaptor on BVM/CPAP)

ADULT ≥ 6 yrs:

ICP	12 actuations – repeat every 20 minutes – 1 actuation to 4 breaths	AP
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PAEDIATRIC < 6 yrs:

ICP	6 actuations - repeat every 20 minutes – 1 actuation to 4 breaths	AP
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LIFE THREATENING RESPIRATORY DISTRESS and HYPERKALAEMIA

pMDI (with pMDI adaptor on BVM/CPAP)

ADULT ≥ 6 yrs:

ICP	12 actuations – repeat every 10 minutes – no repeat limit	AP
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PAEDIATRIC < 6 yrs:

ICP	6 actuations – repeat every 10 minutes – no repeat limit	AP
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SPECIAL NOTE:

- The solution in the pMDI is separated. Please shake prior to every actuation.