

Levophrine[®]

8mg norepinephrine bitartrate



Restores

..The Life



130

60

70

140

150

Levophrine®

8mg norepinephrine bitartrate

An acute drop in blood pressure is dangerous because of the hypoxic damage caused by poor tissue perfusion. Organs which are susceptible to hypoxic damage include the (Brain, Kidney and Heart).

Acute Hypotension

Cardiac malfunction:

- Arrhythmia
- Myocardial infarction
- valvular defects e.g. aortic regurgitation
- cardiac tamponade
- massive pulmonary embolism
- tension pneumothorax

Hypovolaemia:

- Blood loss e.g. GI bleed, abdominal aortic aneurism
- urinary loss
- plasma loss e.g. burns
- pancreatitis
- dehydration e.g. diarrhea, coma, heat exhaustion

Vasodilation:

- Sepsis, especially Gram-negative shock
- heat exhaustion

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(Alfa-adrenergic action)
peripheral vasoconstrictor

(Beta-adrenergic action)
an inotropic stimulator
of the heart and dilator
of coronary arteries

Levophrine® provide the accurate concentration
of norepinephrine that patient with critical
hypotension needs

Levophrine®

Levophrine® has key significant role in the following cases

- Hypotension and Perfusion Shock,
- Anaphylactic Shock.
- Myocardial Infarction.
- Hypotension During Anesthesia.
- Prolongation of Anesthesia.
- Massive Hemorrhage.
- In patients with pericardial tamponade
- Cardiopulmonary Resuscitation.



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Composition:

. Norepinephrine bitartrate injection, contains the equivalent of 4 mg base of levophrine per each 4 ml ampoule (1mg/ml)

Indications:

- The restoration and maintenance of blood pressure in acute hypotensive or shock states, such as surgery, trauma, myocardial infarction, pheochromocytectomy, sympathectomy, spinal anesthesia, septicemia, drug reactions, poliomyelitis, blood transfusion reactions, and hemorrhage
- As an adjunct in treatment of cardiac arrest and profound hypotension.

Dose:

- Restoration of blood pressure in Acute Hypotensive State:
Add 4 ml of the solution to 1000 ml of dextrose solution 5% or dextrose in saline.
- Initial dose (2-3) ml/min. [0.008-0.012]mg/min.
- Maintenance dose (0.5-1)ml/min [0.004]mg/min.
- You can give upto 68mg **Levophrine®** /day (17 Ampoule) according to blood pressure control.

Package:

Box containing 50 Ampoule



References:

100. The American Heart Association. Guidelines 2005 for cardiopulmonary resuscitation and emergency cardiovascular care. Circulation. 2005; 112(Suppl I): IV 1-211.

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