

Norepinephrine

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| <u>Generic Name:</u> | <u>Brand Name:</u> | <u>Drug Class:</u> |
| Norepinephrine | Levophed | Catecholamine |
| <u>Mechanism of Action:</u> | <u>Time to Onset:</u> | <u>Duration of Effects:</u> |
| α_1 and β_1 agonist | Less than a minute | Continuous during delivery |
| <u>Indications:</u> | <u>Contraindications:</u> | <u>Possible Side Effects:</u> |
| Cardiogenic shock and hypotension unresponsive to other interventions | <ul style="list-style-type: none"> Hypovolemia | <ul style="list-style-type: none"> Tachycardia Hypertension Tissue necrosis Reflex bradycardia Increased oxygen demand |
| <u>Administration Route:</u> | <u>Adult dose:</u> | <u>Pediatric dose:</u> |
| <ul style="list-style-type: none"> IV IO | <p>8-12 mcg/minute, titrated to effect.</p> <p>Maintenance: 2-4 mcg/min</p> | 0.05-0.1 mcg/minute (max 2) |
| <p>Achieving adequate cerebral perfusion pressure is typically the desired effect of this medication. Preferred delivery is through a large bore IV catheter in the antecubital vein of an upper extremity. If extravasation is suspected, the infusion should be stopped immediately.</p> | | |
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