

MEDICATION REFERENCE LIST

DOPAMINE (INTROPIN)

1. Classification: sympathomimetic agent
2. Physiologic Effects: varies according to dosage
 - 2.1. low doses, (1-2 mcg/kg/min) dopaminergic effects dilate renal and mesenteric blood vessels and increase renal perfusion
 - 2.2. intermediate doses (2-10 mcg/kg/min) beta-adrenergic effects increase heart's force of contraction and rate
 - 2.3. high doses (>10 mcg/kg/min) alpha-adrenergic effects cause peripheral vasoconstriction and elevation of blood pressure
3. Major Indications:
 - 3.1. cardiogenic shock
 - 3.2. hemodynamically significant hypotension not resulting from hypovolemia
4. Primary Contraindications:
 - 4.1. pheochromocytoma (adrenal gland tumor)
 - 4.2. hypersensitivity
5. Relative Contraindications:
 - 5.1. hypovolemia
 - 5.2. uncorrected tachyarrhythmias and v-fib
6. Side Effects:
 - 6.1. cardiac dysrhythmias
 - 6.2. nausea and vomiting
 - 6.3. dyspnea
 - 6.4. extravasation causes tissue necrosis