



# Dopamine/Intropin

<b>CLASS:</b>	Sympathomimetic Catecholamine
<b>ACTIONS:</b>	Positive inotrope (force of contractions) Selectively dilates blood vessels of kidney, mesentery, brain and heart
<b>INDICATIONS:</b>	Adult Cardiac Arrest Shockable Adult Cardiac Dysrhythmia Bradycardia Non-Cardiogenic Non-Trauma Shock
<b>PRECAUTIONS:</b>	Should not be administered in the presence of severe tachydysrhythmias. Correct hypovolemia with volume replacement before considering dopamine use Should not be administered in the presence of ventricular fibrillation or ventricular irritability Use with caution in cardiogenic shock with accompanying congestive heart failure
<b>SIDE EFFECTS:</b>	Ventricular tachydysrhythmias Hypertension
<b>ADULT DOSAGE:</b>	<b>Adult Cardiac Arrest Shockable:</b> For Return Of Spontaneous Circulation (ROSC) consider <b><i>Dopamine 2-10 mcg/kg/min IV/IO, titrated</i></b> to Mean Arterial Pressure of 90-100 mmHg <b>Adult Cardiac Arrest Non-Shockable:</b> For Return of Spontaneous Circulation (ROSC) consider <b><i>Dopamine 2-20 mcg/kg/min IV/IO.</i></b> <b>Adult Cardiac Dysrhythmia Bradycardia/Unstable:</b> Refractory hypotension – <b><i>Dopamine (Intropin) 2-10 mcg/kg/min infusion (400 mg in 250 mL Normal Saline)</i></b> titrated to effect <b>Non-Cardiogenic Non-Trauma Shock:</b> Consider <b><i>Dopamine</i></b> , contact Medical Control



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## Dopamine Drip Chart

Weight lbs. Weight kgs	88 <b>40</b>	110 <b>50</b>	132 <b>60</b>	154 <b>70</b>	176 <b>80</b>	198 <b>90</b>	220 <b>100</b>	242 <b>110</b>	264 <b>120</b>	286 <b>130</b>	308 <b>140</b>	330 <b>150</b>	352 <b>160</b>
mcg/kg	gtts/minute based on 60 drop set												
<b>2</b>	3	4	4	5	6	7	7	8	9	10	10	11	12
<b>3</b>	4	6	7	8	9	10	11	12	13	15	16	17	18
<b>4</b>	6	7	9	10	12	13	15	16	18	19	21	22	24
<b>5</b>	7	9	11	13	15	17	19	21	22	24	26	28	30
<b>6</b>	9	11	13	16	18	20	22	25	27	29	31	34	36
<b>7</b>	10	13	16	18	21	24	26	29	31	34	37	39	42
<b>8</b>	12	15	18	21	24	27	30	33	36	39	42	45	48
<b>9</b>	13	17	20	24	27	30	34	37	40	44	47	51	54
<b>10</b>	15	19	22	26	30	34	37	41	45	49	52	56	60
<b>11</b>	16	21	25	29	33	37	41	45	49	54	58	62	66
<b>12</b>	18	22	27	31	36	40	45	49	54	58	63	67	72
<b>13</b>	19	24	29	34	39	44	49	54	58	63	68	73	78
<b>14</b>	21	26	31	37	42	47	52	58	63	68	73	79	84
<b>15</b>	22	28	34	39	45	51	56	62	67	73	79	84	90
<b>16</b>	24	30	36	42	48	54	60	66	72	78	84	90	96
<b>17</b>	25	32	38	45	51	57	64	70	76	83	89	96	102
<b>18</b>	27	34	40	47	54	61	67	74	81	88	94	101	108
<b>19</b>	28	36	43	50	57	64	71	78	85	93	100	107	114
<b>20</b>	30	37	45	52	60	67	75	82	90	97	105	112	120

\*gtts/Min rounded to whole drop