

COMMON ICU DRIPS

DRUG	BRAND NAME	DOSE	USE
Nicardipine	Cardene	5-15 mg/hr	☒ BP
Norepinephrine	Levophed	5-30 mcg/min	☒ BP
Sublimaze	Fentanyl	25-200 mcg/hr	Pain Control
Propofol	Diprivan	20-200 mcg/kg/hr	Sedation
Midazolam	Versed	1-10 mg/hr	Sedation
Vasopressin	Pitressin	0.01-0.04 units/min	DI, Sepsis, Hypotension
Neosynephrine	Phenylephrine	40-200 mcg/min	☒ BP
Dexmedetomidine	Precedex	0.1-0.7 mcg/kg/hr	Sedation

TITRATION ACHIEVING THE DESIRED EFFECT WITH THE LEAST AMOUNT OF DRUG NECESSARY.

CALCULATION FORMULAS:

*Be sure to verify the concentration of the solution at your facility

Dopamine (mcg/kg/min):

$$\frac{\text{mL}}{\text{Hr}} = \frac{250\text{mL}}{400 \text{ mg}} \times \frac{1 \text{ mg}}{1,000 \text{ mcg}} \times \frac{\# \text{ mcg}}{\text{kg}} \times \frac{\# \text{ kg}}{\text{min}} \times \frac{60 \text{ min}}{1 \text{ hr}}$$

Norepinephrine (mcg/min):

$$\frac{\text{mL}}{\text{Hr}} = \frac{250\text{mL}}{4 \text{ mg}} \times \frac{1 \text{ mg}}{1,000 \text{ mcg}} \times \frac{\# \text{ mcg}}{\text{min}} \times \frac{60 \text{ min}}{1 \text{ hr}}$$

**BASED ON A SOLUTION OF DOPAMINE 400MG IN 250 ML OF D5W
DOSED IN MCG/KG/MIN. RATES IN ML/HR**

PATIENT'S WEIGHT IN KG

DOSE	50	55	60	65	70	75	80	85	90	100	110	120	130
2	3.8	4.1	4.5	4.9	5.3	5.6	6.0	6.4	6.8	7.5	8.3	9.0	9.8
5	9.4	10.3	11.3	12.2	13.1	14.1	15.0	15.9	16.9	18.8	20.6	22.5	24.4
7.5	14.1	15.5	16.9	18.3	19.7	21.1	22.5	23.9	25.3	28.1	30.9	33.8	36.6
10	18.8	20.6	22.5	24.4	26.3	28.1	30.0	31.9	33.8	37.5	41.3	45.0	48.8
12	22.5	24.8	27.0	29.3	31.5	33.8	36.0	38.3	40.5	45.0	49.5	54.0	58.5
14	26.3	28.9	31.5	34.1	36.8	39.4	42.0	44.6	47.3	52.5	57.8	63.0	68.3
16	30	33	36.0	39.0	36.8	45.0	48.0	51.0	54.0	60.0	66.0	72.0	78.0
18	33.8	37.1	40.5	43.9	47.3	50.6	54.0	57.4	60.8	67.5	74.3	81.0	87.8
20	37.5	41.3	45.0	48.8	52.5	56.3	60.0	63.8	67.5	75.0	82.5	90.0	97.5