

Inotropes for 60kg adult:

Noradrenaline **Initial dose** **maintenance dose** **max dose**
 0.1-0.15mcg/kg/min 0.025-0.045mcg/kg/min 0.5-0.75mcg/kg/min

| (mcg/min) | 8mg in 500ml NS microdripset (drops/min) | 8mg in 50ml NS with infusion pump(ml/hr) |
|-----------|--|--|
| 1 | 4 | 0.4 |
| 2 | 8 | 0.8 |
| 3 | 12 | 1.2 |
| 4 | 16 | 1.5 |
| 5 | 20 | 1.9 |
| 6 | 24 | 2.3 |
| 7 | 28 | 2.7 |
| 8 | 32 | 3.1 |
| 9 | 36 | 3.4 |
| 10 | 40 | 3.8 |

DOBUTAMINE: **initial dose** **maintenance dose** **max dose**
 2-5mcg/kg/min 5-20mcg/kg/min 20-50mcg/kg/min

| Mcg/min | 400mg in 500ml NS microdripset (drops/min) | 400mg in 50ml NS infusion pump(ml/hr) |
|---------|--|---------------------------------------|
| 100 | 7 | 0.7 |
| 150 | 11 | 1.1 |
| 200 | 15 | 1.5 |
| 250 | 19 | 1.9 |
| 300 | 23 | 2.3 |
| 350 | 27 | 2.7 |
| 400 | 30 | 3.0 |
| 450 | 34 | 3.4 |
| 500 | 38 | 3.8 |
| 550 | 42 | 4.2 |
| 600 | 45 | 4.5 |
| 650 | 49 | 4.9 |
| 700 | 53 | 5.3 |
| 750 | 57 | 5.7 |
| 800 | 60 | 6.0 |
| 850 | 64 | 6.4 |
| 900 | 68 | 6.8 |
| 950 | 72 | 7.2 |
| 1000 | 75 | 7.5 |

Monitoring of inotrope support (for every 20minutes and titrate the dose accordingly)

Preferably Start with noradrenaline

Add second inotrope as per need

Vasopressin > epinephrine > dopamine

Clinical monitoring:

1. Mean arterial pressure
2. Urine output
3. Heart rate
4. Respiratory rate
5. Oxygen saturation
6. Mental status