

### Drips for Hypertension/Tachycardia

Drug	Initial Dose	Max Dose	MOA	Dilator	Onset (min)	Duration	Metabolism	Notes
<b>Labetalol</b>	10mg q10min then 1-2mg/min	8mg/min	α and β blocker	Arterial	2	2-4 hours	Hepatic	Avoid in bradycardia & decompensated HF
<b>Esmolol</b>	500mcg/kg load 25-50mcg/kg/min	300mcg/kg/min	β1 blocker	↓COP	1	15 min	RBC esterase	Avoid in bradycardia & decompensated HF
<b>Nicardipine</b>	5mg/hr	15mg/hr	CCB	Arterial	10	4-6 hours	Hepatic	DOC in ischemic stroke and HTN encephalopathy
<b>Sodium Nitroprusside</b>	0.5mcg/kg/min	5mcg/kg/min	Nitrate	Arterial/ Venous	1	1 min	Kidney	Causes coronary steal, tolerance, cyanide toxicity
<b>Nitroglycerine</b>	5mcg/min	400mcg/min	Nitrate	Venous	3	15 min	Hepatic	Tolerance in 24h
<b>Hydralazine</b>	10-20mg boluses			Arterial	10	3 hours	Hepatic	Variable effect – avoid in acute conditions
<b>Fenoldopam</b>	0.1mcg/kg/min	1.6mcg/kg/min	D1 agonist	Arterial	5	1 hour	Hepatic	Sulfa allergy
<b>Clevidipine</b>	1mg/hr	16mg/hr	CCB	Arterial	1	10 min	RBC esterase	Lipid emulsion Can't use > 96h

MOA: mechanism of action – DOC: drug of choice