

## Drug Dose Table

Drug	Route	Normal Starting Dose	Normal Dose Range	Divided doses /day
Atenolol	Oral	0.5 mg/kg/dose	1-2 mg/kg/day Max dose 100 mg/d	1 - 2
Captopril	Oral	0.5 mg/kg/dose	1.5 – 5 mg/kg/day	3
Frusemide	Oral	0.5 mg/kg/dose	1-4 mg/kg/day	1 - 6
	Iv	0.5 mg/kg/dose	0.5-4 mg/kg/d	2 - 6
Hydralazine	iv/im stat then as an infusion	0.1 mg/kg/dose stat (max 10 mg)	Infusion of 10-50 mcg/kg/hour	as an infusion
	Oral	0.2 mg/kg/dose	1-8 mg/kg/day	3 - 4 Not usually recommended due to first pass effect.
Labetalol	Iv	0.5 - 1 mg/kg/hr	1-3 mg/kg/hr	Infusion only
<i>See Labetalol Infusion below</i>	Oral	0.5 mg/kg/dose	12 mg/kg/day	2 – 4
Minoxidil	Oral	0.05 - 0.1 mg/kg/dose	Up to 1 mg/kg/day	2
Nifedipine <i>Not recommended in young children or those with CNS problems</i>	Oral (capsules)	0.25 mg/kg/dose	1-3 mg/kg/day	4 - 6
Phenoxy Benzamine	Oral	0.2 mg/kg/dose	1-4 mg/kg/day	2
	Iv	0.5 mg/kg over 1hr (stat dose)	1-2 mg/kg/day	2 - 4
Phentolamine	Iv	100 mcg/kg stat bolus dose	5 – 50 mcg/kg/minute titrated to response	Infusion only
Sodium nitroprusside	Iv	0.5 mcg/kg/min	0.5-8.0 mcg/kg/min	Infusion only. ICU only with continuous monitoring
Spironolactone	Oral	0.5 mg/kg/dose	1-3 mg/kg/day	2
Isradipine*	Oral	0.05 - 0.15 mg/kg/dose	0.3 - 0.4 mg/kg/day Max: 0.6 mg/kg/d	3 - 4

\* Note that isradipine is not available in some peripheral hospitals and fast acting nifedipine is used instead.

### Labetalol Infusion (*continued over page*)

- Add 50 mg Labetalol to 40 ml of dextrose saline (sodium chloride 0.18% and glucose 4% intravenous infusion) (total volume = 50 ml= 1 mg/ml).
- Run in using IVAC at 1 mg/kg/hr (= 1 ml/kg/hr) until desired blood pressure is reached, then stop infusion until BP starts to rise again.
- If no response is obtained after 30 mins at 1 mg/kg/hr increase by 1 mg/kg/hr every 30 mins. Maximum dose is up to 3 mg/kg/hr (increase the dose if minimal response after 1-2 hours).
- The effect of Labetalol given as a continuous infusion is very short. Intermittent bolus IV Labetalol can last 2 - 4 hours.

- Normal saline must be available in case blood pressure falls precipitately.
- Sodium Chloride 0.18% and glucose 4% intravenous infusion are used to maintain the drip when the Labetalol is not running.
- Blood pressure to be taken every 5 minutes when Labetalol is running.