

Conway Medical Center
Conway, South Carolina

Physician's Orders
IV Esmolol (Brevibloc)
(ICU/ER/Cath Lab only)

Center Patient Admission
Label Here

Another brand of drug identical in form and content may be dispensed unless checked. ☐

Drug Allergies:

Patient Weight: _____kg

Drug Information	Esmolol hydrochloride, a short-acting cardioselective adrenergic receptor blocker, exerts selective inhibitory effects on beta-1 receptors primarily found in the myocardium. At higher doses, it inhibits beta-2 receptors located in the musculature of the bronchi and blood vessels.
Indications	SVT, sinus tachycardia, hypertension, selective B-1 agent. Duration of action 15-20 minutes
Contra-indication	2 nd or 3 rd degree heart block, cardiogenic shock, CHF, Cardiac failure, hypersensitivity, severe bradycardia
Precautions	Hypotension, PVD, renal disease, a fib, bronchospasms
Monitoring & Goals	<input checked="" type="checkbox"/> Continuous EKG monitoring <input checked="" type="checkbox"/> NIBP Q5 – 10 minutes until goal met & stable x 3 readings Then <input checked="" type="checkbox"/> NIBP Q 1 hour <input checked="" type="checkbox"/> Titrate for SBP < _____, MAP < _____, or HR < _____
Concentration	Esmolol (Brevibloc) 2.5g/250 mL D ₅ W (10mg/mL)
Loading Dose (optional)	<input type="checkbox"/> Esmolol (Brevibloc) 250 mcg/kg over 1 minute (Dose = _____mcg) or <input type="checkbox"/> Metoprolol (Lopressor) 5 mg IVP Q 5 min x 3 doses (15 mg total)
Maintenance Dose	<input type="checkbox"/> Infuse Esmolol (Brevibloc) at 50 mcg/kg/min If no response in 5 minutes then give 200 mcg/kg bolus over 4 minutes and increase by 50 mcg/kg/min May repeat bolus and increase every 5 – 10 minutes until goal met (maximum 300 mcg/kg/min) <ul style="list-style-type: none"> Note: Average half-life is less than 10 minutes. Warning: DO NOT DISCONTINUE ABRUPTLY

Physician's Signature

_____/_____/_____
Date

Time

Nurse 1 _____

_____/_____/_____
Date

Time

Nurse 2 _____

_____/_____/_____
Date

Time