

**Medications for Treatment of Hypertensive Crisis in Pregnancy
(Notify physician if systolic BP \geq 160 mmHg or diastolic BP \geq 110 mmHg)**

Drug/Dose	Route	Frequency	Side Effects	Contraindication
Labetalol 20 mg	IV over 2 minutes	Repeat BP in 10 minutes, if either threshold is still exceeded ↓ Administer Labetalol 40 mg IV over 2 minutes ↓ Repeat BP in 10 minutes, if either threshold is still exceeded ↓ Administer Labetalol 80 mg IV over 2 minutes ↓ Repeat BP in 10 minutes, if either threshold is still exceeded ↓ Administer hydralazine 10 mg IV over 2 minutes ↓ May be repeated in 30 minutes if an appropriate improvement is not observed	Dizziness, excessive tiredness, headache, change in HR, SOB *Patient should not be quickly raised to a sitting position during therapy and for at least 2 hours after last dose. Fetal IUGR and fetal and neonatal hypotension, bradycardia, and hypoglycemia	Avoid in women with asthma, heart failure or severe bradycardia
*Maximum IV dose is 300 mg.				
Labetalol 200 mg	Orally			
Hydralazine (Apresoline) 5 or 10 mg	IV over 2 minutes	Repeat BP in 20 minutes, if either threshold is still exceeded ↓ Administer hydralazine 10 mg IV over 2 minutes ↓ Repeat BP in 20 minutes, if either threshold is still exceeded ↓ Administer Labetalol 20 mg IV over 2 minutes ↓ Repeat BP in 20 minutes, if either threshold is still exceeded ↓ Administer Labetalol 40 mg IV over 2 minutes	May increase the risk of maternal hypotension. Flushing, headache, palpitations, maternal and fetal tachycardia	* If multiple doses of antihypertensive medications are required consider consultation from maternal-fetal medicine, internal medicine, anesthesia or critical care specialist.
	*Can be given IM.			

Medications for Treatment of Eclamptic Seizures

Drug/Dose	Route	Frequency	Side Effects	Contraindication
Magnesium Sulfate	IV	Loading Dose: 4 to 6 grams over 20-30 minutes Maintenance Infusion: 1 to 3 grams per hour	Maternal lethargy, drowsiness, double vision, N&V, pulmonary edema, respiratory depression	Myasthenia Gravis
Magnesium Sulfate 10 grams	IM	5 grams into each buttock	Same as above	Myasthenia Gravis
Diazepam (Valium) 5-10 mg	IV Slowly (5 mg per minute)	*Not available in Pyxis; must contact pharmacy. May be repeated every 10-15 minutes to a maximum of 30 mg *Not available in Pyxis; must contact pharmacy.	Hypotension, muscle weakness, somnolence, respiratory depression, fatigue	Myasthenia Gravis
Lorazepam (Ativan) 4 mg	IV over 2 minutes	May repeat in 10-15 minutes x 1	Sedation, dizziness, asthenia, unsteadiness, and hypotension	

Calcium Gluconate for Treatment of Magnesium Overdose

Drug/Dose	Route	Frequency	Side Effects	Contraindication
Calcium Gluconate 1 gram of a 10% Solution	IV slowly over 5-10 minutes *Avoid extravasation	As indicated for magnesium overdose	Most side effects are associated with rapid administration. Tingling of the extremities, vasodilation with hypotension, syncope, bradycardia, cardiac arrhythmias	