

Alabama Medications

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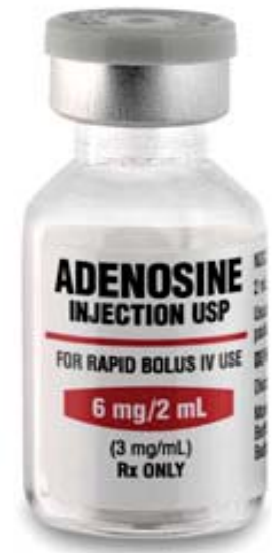
Activated Charcoal

- Used to absorb toxins ingested before they can be absorbed in the GI system.
- Contraindicated in AMS patients who cannot control their airway
- On-line medical direction must be contacted (Category B)
- Adult Dose: 1 g/kg
- Side effects: Nausea and Vomiting.



Adenosine

- Slows conduction through the AV Node.
- Used to treat PSVT with or without WPW.
- Contraindications: 2nd or 3rd degree HB, Hypersensitivity, Pregnancy, Coronary Vasodilator, Tegratol.
- Adult Dose: 6mg, 12mg, 12mg, RIVP. Follow each administration with 20cc flush. (CAT B)



Albuterol

- Potent bronchodilator used to treat bronchial asthma and reversible bronchial spasm.
- Contraindicated in symptomatic tachycardia. Watch for significant arrhythmia changes.
- Stop treatment if pulse increases 20bpm, PVC's develop, or tachyarrhythmias other than sinus develop.
- Adult Dose: 2.5mg nebulized.
(Cat A)



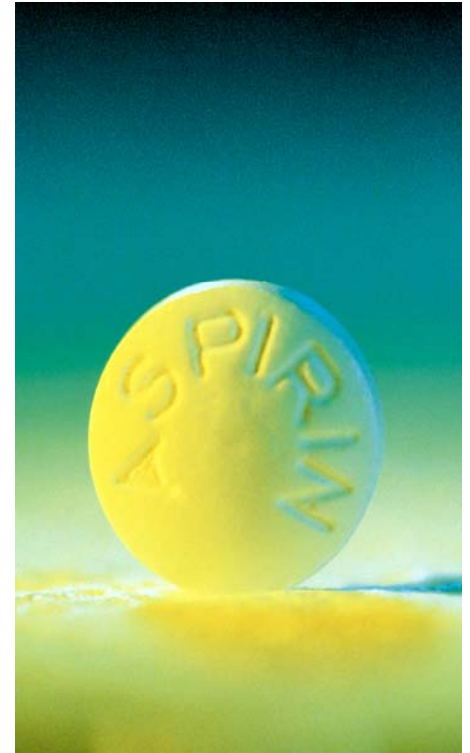
Amiodarone

- Used in the treatment of life threatening arrhythmias such as v-fib, pulseless VT. May also be used in the treatment of frequent PVC's under Medical control guidance as a drip.
- May cause bradycardia
- Adult dose: 300mg diluted in 30ccns, RIVP, followed by two more administrations at 150 mg.



Asprin

- Inhibits Prostaglandin (Clotting Factors), used in the treatment of Unstable Angina, AMI's, and Ischemic Chest Pain.
- Contraindicated in known allergy, GI bleeding, or if pt. has already taken 325mg in 24 hrs.
- Adult Dose: 4 – 81 mg chewable tablets (Cat A)



Atropine

- Primary indication is symptomatic bradycardia or asystole. May also be used in the treatment of Organophosphate or nerve gas poisoning.
- Contraindicated in A-Fib/Flutter or heart transplant patients.
- Adult Dose: 1mg IV/IO q 3-5 min up to 0.04 mg/kg. May also given through ET. (CAT A)



Calcium Gluconate

- Used for the treatment of hyperkalemic asystole (Typically dialysis pt.) and calcium channel blocker overdose.
- Contraindicated if possible Digitalis overdose, contact Medical Control to confirm drug taken is calcium channel blocker.
- Adult Dose: 1-2g IVP over two minutes. (CAT A for Asystole, CAT B for CCB Overdose.)



50% Dextrose (D-50)

- Used for the treatment of blood sugar less than 70mg/dl or AMS patient where glucometer malfunctions.
- Precaution: D-50 will cause tissue necrosis if IV extravasates. Thiamine should precede administration if suspected alcohol abuse or malnutrition.
- Adult Dose: One 50ml amp or 1ml/kg if pt is less than 50kg. (CAT A)



Diazepam

- Indicated for the treatment of seizures or as a an analgesic prior to cardioversion.
- Contraindicated in alcohol use and CNS depression, may cause respiratory depression.
- Adult Dose: 5-10 mg SIVP. (CAT A except Cardioversion.)



Diphenhydramine (Benadryl)

- Used in the treatment of Anaphylaxis after the administration of IM Epinephrine.
- Contraindicated if known allergy exists or for nursing mothers. May cause hypotension.
- Adult Dose: 25-50mg deep IM or SIVP. (CAT A)



Dopamine

- Used primarily to treat hypotension secondary to cardiogenic shock.
- Contraindicated in hypovolemic shock. Will be inactivated if given through the same IV as Sodium Bicarbonate.
- Adult Dose: 2-40mcg/kg/min (CAT B)



Epinephrine

- Indicated for all cardiac arrest arrhythmias, anaphylaxis, and asthma in patients under 40.
- Precautions include angina after administration and tachycardia.
- Adult Dose: Cardiac Arrest 1mg of 1:10,000 q 3-5 IV or IO, Anaphylaxis 0.3mg IM or SQ of 1:1,000. (CAT A) Adult acute asthma 0.3-0.5 mg 1:1,000 SQ (CAT B)



Furosemide

- A potent diuretic used to treat acute pulmonary edema.
- Contraindicated in hypovolemia or hypotension.
- Adult Dose: 20-40mg SIVP over 2 min. (CAT B)



Glucagon

- Primary indication is hypoglycemic states where an IV cannot be established. May also be used for Beta or Calcium Channel Blocker OD.
- Precautions include tachycardia and N and V.
- Adult Dose: 1 mg IM, may be repeated once.



Hydroxocobalamin (Cyanide Kit)

- Indicated for known cyanide poisoning or smoke inhalation victims.
- Precautions include allergic reactions.
- Adult Dose: Draw one red top tube before administration. Mix 5g of Hydroxocobalamin into 100cc of NS, give as an infusion over 15 min.



Lidocaine

- Indicated for the treatment of PVC's, V-Tach with a pulse, or recurrent V-Fib/V-Tach following defibrillation and Epinephrine.
- Contraindicated in HR less than 60 or AV blocks.
- Adult Dose: Bolus 1.5mg/kg initial followed by 0.75mg/kg for a total of 4mg/kg max. 2-4mg/min infusion to follow conversion.



Lorazepam

- Primary indication for status seizures (SZ longer than 5 min continuously). May also be used before cardioversion.
- Do Not Mix with other agents.
- Adult Dose: 1-2mg SIVP over 2 min. (CAT A unless more than 2mg is needed.)



Magnesium Sulfate

- Indicated in the treatment of Eclampsia and Polymorphic V-Tach.
- Precautions: Can lead to hypotension or respiratory arrest.
- Adult Dose: Mix 4g in 250cc bag of NS and infuse over 20 min.



Morphine Sulfate

- Narcotic analgesic indicated for any severe pain or as an adjunct therapy for CHF or Pulmonary Edema.
- Contraindications: known allergy, blood pressure less than 90, or significant respiratory depression. May cause N and V.
- Adult Dose: 4mg IVP initial followed by 2mg until pain is managed every 3-5 min to 10 mg max. (CAT A) 2-4mg IVP for Pulmonary Edema. (CAT B)

Naloxone (Narcan)

- Indicated for the reversal of narcotic effects (morphine, codeine, etc).
- Precautions: Pt. is physically dependent on narcotic, Narcan may cause immediate withdrawal symptoms.
- Adult Dose: 2mg given slowly IV, IM, SQ, or 4mg ET. (CAT A)



Nitroglycerin

- Indicated for angina, HTN, or pulmonary edema.
- Contraindicated in children. May cause generalized vasodilation causing profound BP drop, these effects can be magnified in pt.s taking medication for erectile dysfunction.
- Adult Dose: 0.4mg SL by tablet or spray. (CAT A, CAT B for HTN)



Nitrous Oxide

- Indicated for use in generalized pain management.
- Contraindicated in AMS, intoxication, head injury, suspected pneumothorax, abdominal pain or distention, COPD.
- Adult Dose: Self-administered until pain is relieved. (CAT B)



Ondansetron (Zofran)

- Indicated for Nausea and Vomiting.
- Contraindications: Known allergy, age less than one month.
- Adult Dose: 4mg IV or IM. (CAT A)



Sodium Bicarbonate

- Used to control arrhythmias secondary to Tricyclic Antidepressant overdose and acidosis secondary to cardiac arrest.
- Precautions: Too much may result in alkalosis. May cause cerebral acidosis, particularly pt.s in DKA.
- Adult Dose: 1mEq/kg, followed by 0.5mEq/kg until pulse is restored. (CAT A for cardiac arrest, CAT B for TA overdose.)



Thiamine

- Indicated for malnutrition or alcoholism in the patient with low blood sugar. Administration should precede glucagon or D-50.
- Adult Dose: 100mg IV or IM. (CAT A)



Vasopressin

- Indicated for shock-refractory VF, VT, PEA, or Asystole.
- Contraindications: Children, conscious pt.s.
- Adult Dose: 40 Units IVP, one time dose. (CAT A)

