

PROTOCOL FOR: IV Push Medication: Approved List of

- POLICY:
1. A written order by a physician/APRN must be obtained before administration of an IV push medication, except during a Code Blue or other emergent situation, ie. intubation.
  2. Registered nurses assigned to Adult ICU may administer direct IV push medications by the following routes:
    - Peripheral IV line
    - Central venous catheter
    - Implanted ports
    - PCA bolus
    - Dialysis cath (emergency only, when no other access avail)
  3. Registered nurses assigned to Adult ICU who administer medications by IV push must have demonstrated IV med competency, as documented on the ICU checklist for orientation.
  4. The Micromedex Drug Information System, Lexicomp system, Physician Desk Reference (PDR), and published Nurse's Drug Guides provide reference information for methods (i.e. dilution), dosages and time frames in which medications are to be administered. Unit pharmacists should be consulted for assistance as needed.
  5. The Adult ICU list of approved drugs is periodically reviewed by the Medical Director of the unit and is subject to the approval of the Pharmacy and Therapeutics Committee.
  6. Medications approved for direct IV push in Adult ICU are:
    - Adenosine
    - Amiodarone \*
    - Atropine
    - Bumetanide (Bumex)
    - Calcium Chloride \*
    - Calcium Gluconate \*
    - Cisatracurium (Nimbex) \*\*
    - Cosyntropin (Cortrosyn)
    - Dexamethasone (Decadron)
    - Dextrose 50%
    - Diazepam (Valium)
    - Digoxin (Lanoxin)
    - Diltiazem (Cardizem)
    - Diphenhydramine (Benadryl)
    - Epinephrine
    - Epoetin (Epopen, Procrit)
    - Eptifibatide (Integrilin)
    - Esmolol
    - Esomeprazole (Nexium)
    - Etomidate (in presence of MD/CRNA for intubation)
    - Fentanyl
    - Flumazenil (Romazicon)
    - Furosemide (Lasix)
    - Glucagon
    - Glycopyrrolate (Robinul)
    - Haloperidol (Haldol)
    - Heparin
    - Hydralazine (Apresoline)
    - Hydrocortisone (Solu-Cortef)

\* Dilution is recommended.

\*\* Patient must be on a ventilator

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Hydromorphone (Dilaudid)  
Insulin  
Ketorolac (Toradol) - doses  $\leq$  30 mg.  
Labetolol (Normodyne, Trandate)  
Levothyroxine (Synthroid)  
Lidocaine  
Lorazepam (Ativan) \*  
Mannitol  
Meperidine (Demerol)  
Methylprednisolone (Solu-Medrol)  
Metoclopramide (Reglan)  
Metoprolol (Lopressor)  
Midazolam (Versed)  
Morphine  
Naloxone (Narcan)  
Ondansetron (Zofran)  
Pancuronium (Pavulon) \*\*  
Pantoprazole (Protonix)  
Phenobarbital  
Prochlorperazine (Compazine)  
Promethazine (Phenergan)  
Propranolol (Inderal)  
Propofol (Diprivan) \*\*(emergency only, in presence of MD/APRN)  
Succinylcholine (in presence of MD/CRNA for intubation)  
Sodium Bicarbonate  
Thiamine  
Vasopressin  
Verapamil  
Vecuronium \*\*  
Warfarin (Coumadin)

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7. During "Code Blue" or emergent situations, an RN may administer other IV medications under the direct supervision of the physician /APRN. The CPR record will serve as documentation of the order. Emergent verbal orders not reflected on a CPR record will be documented per the administrative policy for verbal orders.
8. Certain narcotics approved for "IV push" administration may also be given as IV bolus infusion to patients on PCA pumps.
9. The physician/advanced practitioner and pharmacist will be notified of any adverse effects from medications, i.e. allergic reactions, unexpected change in vital signs, CNS depression.

DESIRED OUTCOME: Medications approved for direct IV push administration will be given by registered nurses in a safe and appropriate manner.

APPROVAL: ICU Standards Committee  
Nursing Standards Committee  
ICU Coordinating Committee  
Pharmacy and Therapeutics Committee

EFFECTIVE DATE: 1/92

REVISION DATES: 1/93, 5/95, 3/96, 11/97, 11/99, 5/05, 11/05, 2/06