

Drugs are good! (really)

Clint Rohner PharmD
EIRMC



Items of Interest

- Code box
- Clot box
- Clinical suspicion
- ACLS guidelines



MONA

- Morphine- why not other narcotic? How does it help the overall situation
- Oxygen-
- Nitroglycerin- the tablet questions
- Aspirin- What is Alka seltzer?



Epinephrine- Atropine- Vasopressin

- Epinephrine- 1 mg doses every 5 min
- Atropine- 1 mg doses x 2
- Vasopressin- 40 units once



Sodium Bicarb/Dextrose

- Sodium Bicarbonate- Ph buffer
- Who and where?
- Dextrose solution- Diabetic emergency



Calcium and Potassium

- Calcium- CCB reversal, hyperkalemia
- Potassium- speaking of hyperkalemia
- Who gets it-
- Drugs, Chronic disease, Acute disease



RSI

- Etomidate- Amnesia
- Succinylcholine- rapid paralysis
- ???-ronium- Long term paralysis
- What can I use in place of each of those?



Pressors

- Dopamine- used less and less in ICU
- Norepinephrine- less Beta1 activity



Pain killers

- Fentanyl- 100 x morphine
- Meperidine- 1/10th morphine
- Hydromorphone- 5 x morphine
- How are they similar?
- How are they different?



Injectable blood thinners

- Heparin- 5000 units subq or a drip
- Enoxaparin- mg per kg dose



Metoprolol

- Metoprolol- beta blocker – 5 mg push x 3 repeats
- Why would I slow a heart down?



Anti-arrhythmia medications

- Amiodarone- Ventricular and Atrial
- Procainamide- less use
- Lidocaine- less use
- Adenosine- Atrial
- Special items for Adenosine....



Clot busters (Fibrinolytics)

- Activase- Alteplase
- TNKase- Tenectaplastase
- 3 hour window before Cath lab
- Used in Pulmonary Embolism, Heart attacks, and Stroke (maybe)



Ever wonder how Swine flu started?



Opportunities to Excel---



AIR IDAHO RESCUE



Insulin

- Lantus/Levemir- L for long acting
- Regular/Humalog/Novalog- quick acting
- Dangerous
- U-500 on the market



Things to help you bleed to death

- Plavix/Effient/Brillinta- all platelets
- Coumadin- blood thinner
- Xarelto/Pradaxa/Eliquis- all new blood thinners



Rx pain killers

- Hydrocodone (Zohydro ER)- old drug, new form
- Oxymorphone (Opana)- new and nasty
- Oxycodone (Oxycontin)- oh so popular
- Methadone- the long lasting drug
- Fentanyl patch (Duragesic)- those little patches hide in the folds



Opioid overdose reversal

- Naloxone- Opioids
- How long does it last?
- What to look out for...
- Flumazenil- Benzo's



Anti psychotics

- Lots of them
- Can present as “drugged”
- Really need a different treatment than others
- Talk them down, friendly, etc.



Things that Bite

- Antivenom- snake- We have it
- Rabies Immune globulin and vaccine- we have it
- BUT don't get bit
- Both hurt and are expensive



Needle stick

- What is the policy?
- We carry meds for the hospital



Questions?



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