

## Medication Administration/Documentation

Mr. Heartbreaker will be receiving multiple medications/fluids throughout his hospital stay based on his condition, symptoms, and complaints. In the graph below, list each medication, dose, volume given, and its classification. If it is an IV drip medication give the pump rate also. After each medication tell us WHY it is being given to Nicky. List each in the department where they were administered. There will be a few dosage calculations involved. Patient weight is 90 kg.

### Emergency Room:

Heparin: (IV bolus 60u/kg, then 12u/kg/hr) Bolus 1.0 mL vial- 5000u/mL **Give 0.8mL bolus**  
Drip: 25000u/250 mL **Give 10mL /hr**

Anticoagulant given to prevent thrombus formation and extending of the existing thrombi. His aPTT shows there is a potential clot present

Brillinta: (Loading Dose 180mg, Maintenance 90 mg bid) 90 mg tablets **Give 2 tablets then 1 tablet bid**

Antiplatelet Agent that reduces stent thrombosis and reduced sequelae in MI. He is having active S/S of MI

Morphine: (4mg/mL) 2 mg/mL **Give 2 mL**

Opioid Analgesic given for pain. Pt states Chest Pain 10/10.

### Cath Lab:

Midazolam: (2 mg IV) 1mg/mL **Give 2 mL**

Sedative for short term sedation, given for Stent placement sedation

Fentanyl: (50mcg IV) 100mcg/2mL **Give 1 mL**

Opioid Analgesic for sedation. This was given for sedation during Stent placement

D5 ½ NS @100mL/hr- fluids given for hydration as well as maintenance of stable blood pressure

Angiomax: (IV bolus 0.75mg/kg) 250mg/50mL **Give 13.5 mL bolus**  
(IV gtt 1.75 mg/kg/hr) 250mh/50mL **Give 31.5 mL,hr**

Anticoagulant for patients with MI, used because pt is being treated for MI

O2 titrate to keep > 93%, oxygen improves breathing effort and overall functioning of respiratory and cardiac systems.

### 4C:

ASA (81 mg qd) **Give 1 tablet qd**: Prophylaxis of transient MI, given as a preventative for future MI

Brilinta (90 mg bid) **Give 1 tablet bid**

Antiplatelet Agent that reduces stent thrombosis and reduced sequelae in MI. He is a MI patient and needs preventative medications

Enalapril (20 mg qd) **Give 1 tablet** Antihypertensive, decreases development of heart failure. Give due to heart history

Atenolol (50 mg qd) **Give 1 tablet** Antianginal, beta blocker, decreases BP and HR Maintains normal BP and HR post stent placement

Atorvastatin (20 mg qd) **Give 1 tablet** Lipid lowering agent, Prevents CA. Given due to cholesterol elevation