**Furosemide (Lasix ®)**

* **Loop diuretic (thick ascending limb of the loop of Henle)**
* **Most potent of the commonly used diuretics-first line diuretic for CHF therapy**
* **Inhibition of the Na/K/CL cotransporter resulting in loss of sodium, potassium and chloride and the prevention of the formation of the hypertonic medullary interstitium**
* **Side effects: dehydration and azotemia, hypovolemia, hypokalemia, hyponatremia, hypochloremia**
* **Dosage** 
  + **(dogs): 2-6 mg/kg PO, IM or IV (depending on whether being used in the emergency or chronic management of CHF)**
  + **(cats): 1-2 mg/kg PO, IM, or IV** 
    - **(6.25-12.5 mg in most cats)**