**DNA topoisomerase Inhibitors**

* Quinolones have a side effect of crystalluria due to a high pka of the acid
  + UTI, crystalluria, Cystitis, BPH
* A serious side effect of quinolones that have given it a black box warning is tendon rupture
  + Myelosuppression, myalgia, muscular dystrophy, tendon rupture
* Combination with NSAIDs cause synergistic inhibition of GABA receptors and neuroexcitatory activity
  + Narcotics, Antidepressants, Antipsychotics, NSAIDs
* A side effect of quinolones is QT prolongation so caution should be taken with heart condition
  + Bradycardia, QT prolongation, ST segment prolongation, hypertension
* Fluoroquinolones should be taken in the evening due to photosensitivity
  + Drowsiness, overactive bladder, photosensitivity