**Contrast Studies: Notes Page**

1. Barium Study:
   1. Why : Gastrointestinal problems
   2. What : Animals swallow a chalky substance to light up the GI tract
   3. How: Animals are given the barium, then radiographs are taken at specific intervals
2. IVP:
   1. Why: Urinary Tract or Kidney problems
   2. What: Animals have a dye injected into bloodstream to light up kidneys, ureters and bladder
   3. How:Dye is injected, then radiographs taken at specific times
3. Myelogram:
   1. Why: Back or spinal cord issues
   2. What: Animal has dye injected into their Spinal cord
   3. How: Animal is anesthetized, spinal tap and injection performed, take radiographs of spinal column
4. CAT Scan:
   1. Why: Any type of internal issue that needs more detailed pictures to diagnose
   2. What : Radiographs form 3D pictures in a tube
   3. How: animal is anesthetized and put into a tube where radiographs are taken at different angles. Then the computer makes these into a 3D picture
5. MRI:
   1. What : Radiowaves and magnets create a 3D image of a part of the body
   2. How: Animal is anesthetized, put into a tube where the radiowaves and magnets create a picture with the aid of a computer