**Umbilical Herniation Repair**

* Signalment:
  + ID: #4
  + Sex: Male
  + TPR: not taken (Anybody have these values before the procedure?)
  + Behaviour: BAR
  + ASA Grade: Class 2 (need help with this)
  + Body Weight: 27.0 kg
  + Species: Pig
* Other Info:
  + 23G catheter was used
  + Ear vein was first choice, but as the result of the ear veins not being accessible cephalic vein was used
  + Mass: reducible
  + Normal TPR:
    - T = 39.2°C (± 0.5)
    - P = 70 -120 bpm
    - R = 32 – 58 bpm
  + After surgery:
    - Jaw reflexes were present
    - TPR:
      * T = 36°C
      * P = 71 bpm
      * R = 44 bpm
* Penicillin – Streptomycin:
  + Dose: 22,000 IU/kg
  + Concentration: 200,000 IU/ml
  + Administration: IM
  + Dose calculated:
  + Was administered first
  + Time given – 1:32 PM
* Stresnil:
  + Dose: 1mg/kg
  + Concentration: 40mg/ml
  + Administration: IM
  + Dose calculated:
  + Was administered second
  + Time given – 1:33 PM
* Flunixin:
  + Dose: 1.1 mg/kg
  + Concentration: 50mg/ml
  + Administration: IV
  + Dose calculated:
  + Was administered
* Xylazine + Ketamine:
  + Dose: 1ml/45kg
  + Concentration: N/A (back up for Stresnil)
  + Administration: IM
  + Dose calculated: 1:1 (Xylazine = Ketamine)
    - 1ml = 45kg
    - ∴ 27.0 kg (wt of pig) = = 0.6 ml
    - wrt 1:1 ∴ 0.3 ml of Xylazine & 0.3 ml of Ketamine
  + Was administered “15mins” after: 1:54 PM
    - Another dose was given at 2:24 PM
* Thiopental: (Induction)
  + Dose: 10mg/kg
  + Concentration: 5% ∴(5×10)mg/ml = 50 mg/ml
  + Administration: IV
  + Dose calculated:
  + Was administered
* Diazepam + Ketamine:
  + Dose: 1mg/20lb (9.09kg)
  + Concentration: (top up)
  + Administration: IV (correct me if I’m wrong)
  + Dose calculated: 0.25:1 (1/4 Diazepam = 1 Ketamine)
    - 1ml = 9.09kg
    - ∴ 27.0 kg (wt of pig) = = 2.97 ml ≅ 3ml
    - wrt 0.25:1 ∴ ml of Diazepam & ml of Ketamine
  + Was administered 4 times: 2:51 PM, (?) PM ,3:20 PM (didn’t get in the system) & 3:27 PM
* IV Fluid:
  + Dose: 10mg/kg/hr
  + Concentration:
  + Dose calculated:
    - Drip rate: 2 drops/second (correct me if I’m wrong)
  + Was given, however catheter wasn’t in the vein
* Epinephrine:
  + Dose: 0.2 mg/kg
  + Concentration: 1mg/ml
  + Administration: IM
  + Dose calculated:
  + Not given
* Atropine:
  + Dose: 0.05 mg/ml
  + Concentration: 0.54mg/ml
  + Administration: IM
  + Dose calculated:
  + Not given