# **ANAESTHESIA TABLE FOR EXPLORATORY LAPAROTOMY**

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|  | **Drug & Time Administered** | **Concentration** | **Dose** | **Calculation /ml** |
| **Antibiotics (I.M.)**  **(surgery last >90mins)** | Penstrep  *2:18pm* | 200,000 IU/ml | 40,000 IU/ml | V= 40,000 x 17.8 = 3.56  200,000 |
| **Sedation (I.M.)** | Xylazine  *2:04pm* | 20mg/ml | 0.05mg/kg | V= 0.05 x 17.8 = 0.05  20 |
| Ketamine  *2:04pm* | 100mg/ml | 0.5mg/kg | V= 0.5 x 17.8 = 0.09  100 |
| **Analgesia (I.V.)** | Flunixin  *2:34pm* | 50mg/ml | 2.2mg/kg | V= 2.2 x 17.8 = 0.78  50 |
| **Induction (I.V)** | Ketamine  *2:38pm* | 100mg/ml | 5mg/kg | V= 5 x 17.8 = 0.89  100  *½ dose, 0.45 ml was given @ 2:49pm* |
| **Induction-Anaesthesia (I.V.)** | Lidocaine  [T.D 10mg/kg]  *2:35pm* | 20mg/ml | 1.0mg/kg | V= 1 x 17.8 = 0.89  20 |
| **CRI (I.V)** | Xylazine  Ketamine  Lidocaine  *2:15pm* | 20mg/ml | 0.05mg/kg/hr | V= 0.05 x 1000 = 0.5  5 |
| 100mg/ml | 5mg/kg/hr | V= 5 x 1000 = 10  5 |
| 20mg/ml | 1.0mg/kg | V= 1 x 1000 = 10  5 |
| **Epidural**  **[T.D.2mg/kg]** | Bupivacaine  /Ketamine  *3:00pm* | B-5mg/ml  K-100mg/ml | B-0.25mg/kg  K-1.25mg/kg | V= 0.25x17.8 = 0.89  5  V=1.25 x 17.8 = 0.22  100 |
| **Intra-Op Fluid**  **0.9% saline**  **[use 1L bag]** | Dip Rate [drips/sec]- (ml/min x drip factor) ∕60  D.R= 17.8 x 5 x 20 = 0.49 / 2 sec  3600 | | | |
| **Reversal Drugs** | Tolazoline | 100mg/ml | 0.1mg/kg  [2x dose of xylazine | V= 0.1 x 17.8 = 0.02  100 |
| 0.4mg/kg  [2x dose of xylazine | V= 0.4 x 17.8 = 0.07  100 |
| Atropine | 0.54mg/ml | 0.04mg/kg | V= 0.04 x 17.8 = 1.32  0.54 |
| Epinephrine | 1mg/ml  (1:1000) | 0.02mg/kg | V= 0.02 x 17.8 = 0.36  1 |

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| Breakthrough pain of anesthesia (½ sedation dose):  A pain felt despite adequate analgesic therapy, often the result of physical manipulations (surgical procedure). | ½ x 1.36 mls = 0.68 mls |
| Splash block:  Local anaesthetic is administered topically at the incision site during surgery to minimize pain sensation. | 10mls Lidocaine + 10mls saline = 20mls solution |
| Tetanus antitoxin | 1ml SC |
| Surgery began @ 3:17 pm | Surgery ended @ 6:00 pm |