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| **DRUG** | **TRADE NAME** | **ACTIVE INGREDIENT** | **INDICATIONS** | **DOASGE** | **CONTRAINDICATION** | **WITHDRAWAL** |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Bomazine (available in 2% &10%) | Xylazine Hydrochloride  | For sedation, analgesia and muscle relaxation  | Sheep and Goats : Intravenous 0.15-0.3 ml/ 25 kg Intramuscular 0.25-0.5 ml/ 25 kgCattle : Intravenous 0.25-0.75 ml/ 100 kg Intramuscular 0.5-1.75 ml/ 100 kg  | Xylazine should be avoided in Weak and debilitated animals | Milk:7daysMeat: 2 days |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Natrium pentobarbital | Sodium pentobarbital | Barbiturate leading to immediate depression of the cerebral cortex, subcortical structures, vital cerebral centers and the cardiac muscle. Overdoses can be used for euthanasia | Cattle: 30mg/kg IV for Hydrocarbon toxicity. Sedation: 1-2 g IV. Horse: 15-18 mg/kg IVPigs: 30mg/kg IV.15-30mg/kg as anesthetic.Sheep and Goats: 20-30mg/kg IV (adults). Lambs: 15-26mh/kg IV | Hypovolemia, anemia, cardiac and respiratory diseased animals |  \_\_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Ketamine 10% | Ketamine HCI  | For diagnostic/minor surgical procedures that do not require skeletal muscle relaxation and restraint | Cattle: Analgesia 0.4-1.2 mg/kg/hr.Horse 2 mg/kg IV, 5 minutes following 1 mg/kg IV Xylazine.Swine 6-11 mg/mg IM after or in conjunction with sedative/tranquilizer | CNS depressions prolong recovery time from ketamine. |  \_\_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Thiopental |

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| ThiopentalSodium |  |

 | Induction agent for general anesthesia used with other anesthetics or by itself for short procedures | Cattle: 8.14 - 15.4 mg/ kg IV. Calves under 2 weeks: 15-22 mg/kg IVHorse: With pre -anesthetic tranquilizer: 8.25mg/kg IVPigs: 5.5-11mg/kg IVSheep: 9.9-15mg/kg IV | Heart diseases, shock, myasthenia gravis, |  \_\_\_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Euthanasia Fort Solution | Pentobarbital | Intravenous euthanasia | 150 mg/kg IV in all large animals | **Do not use** for anaesthesia. |  \_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Lidocaine | Lidocaine HCL | Potent local anesthetic for producing epidural and nerve conduction anesthesia. | Epidural: Cattle and Horses - 5 to 15 mLDogs and Cats - 1 mL per 10 pounds of body weightNerve Block: Cattle and Horses - 5 to 20 mL | Lidocaine is contraindicated in animals with a known hypersensitivity to the drug. |  \_\_\_\_\_\_ |
| Image result for bupivacaine | Bupivacaine | Bupivacaine HCL | Local anesthetic, commonly used in veterinary medicine as analgesia for surgical incisions. This medication is often given as an epidural prior to surgery or as a nerve-blocking agent to help minimize the discomfort associated | Cattle: 0.125mg/kg | Coagulopathies, sepsis, skin infections over the injection site, and pelvic/sacral fractures**.** |  \_\_\_\_\_\_\_ |