**Drugs Used in Ocular Surgeries**

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| **Drug** | **Dosage** | **Route** | **Use** | **Contraindication** | **WDI (Withdrawal Interval)** |
| Ketamine | 0.5mg/kg  | IM | Sedation and has some anesthetic properties | Can cause tachycardia and hypersalivation | 3 days for meat48 hours for milk |
| Xylazine | 0.025mg/kg  | IV | Anesthetic | Decreases cardiovascular and gastrointestinal function. | 4 days for meat24 hours for milk |
| Lidocaine |  |  | Anesthetic | Hypersensitivity | 4 days for meat72 hours for milk |
| Combikel (Pen-Strep) | 20,000IU/kg  | IM | Used as an antibiotic to help prevent infections during and subsequent to surgery | Must be given parentally as it is a suspension. | 21 days for meat3 days for milk |
| Banamine (Flunixin) | 2.2mg/kg  | IV | Analgesic. | Must be administered IV as it can cause tissue sloughing. | 4 days for meat72 hours for milk |
| Tolazoline | 2-4 times xylazine dosage  | IV | Reversal for xylazine |  | 8 days for meat48 hours for milk |
| Atropine | 0.04mg/kg  | IV | To reverse bradycardia |  | 14 days for meat3 days for milk |
| Epinephrine | 0.02mg/kg  | IM | To counteract anaphylactic shock due to hypersensitivity to drugs |  | None as it occurs naturally. |