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| A Preliminary Study on the effect of Xylazine on Blood Glucose in Rabbits. | Research Title  |
| Single | Farid J. O. Al-Tahan and Serwa I. Salih | Shared name  | Shared or Single |
| Proceeding of the ninth veterinary scientific conference | Published Journal title  |
| Vol.2 | Volume Number |
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| 31-3…1-4-2009 | Year |
| 30 local breed rabbits weighting 1.0833±0.0600 divided into two groups (Control and treatment) were used in this study to examine the effect of Xylazine (Rumpon®) on blood glucose.  Xylazine was injected intramuscularly with a dose of 5 mg/kg Body weight. The results of our study were: 104.40 ± 3.97 mg/dl for the Fasting blood sugar group (Control) and 219.67±11.2 mg/dl for the Feeding breakfast after 2 hours group (Control). After injection of Xylazine blood glucose was measured at the periods: 15 minutes, 30 minutes, 1 hour, 3 hours and 5 hours and results were as followed: 123.00±8.96 mg/dl; 146.80 ± 12.2 mg/dl; 161.40±13.4 mg/dl; 104.0±11.0 mg/dl; 99.67± 8.02 mg/dl respectively. | Abstract |