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| Cardiopulmonary effects of the anesthesia by romifidine as a premedication,midazolam and ketamine induction and infusion in donkeys. | | | | | | Research Title |
| Single |  | | | | Shared name | Shared or Single |
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| The objective of this study was to determine the cardiopulmonary effects of romifidine 0.1mg/kg as a premedication and anesthesia by intravenous injection of a mixture of midazolam 0.1 mg/kg and ketamine hydrochloride 2.2 mg/kg in the ten health She donkeys. The maintenance of anesthesia was performed by intravenous infusion of a mixture of the midazolam 0.065mg/kg/hrs. and ketamine 6.6mg/kg /hrs. clinical Parameters included respiratory rate and heart rate were measured at time zero (control data) and at 5, 10, 15,20,25,30,45,60 and 90 minutes of this regime. The results revealed significant differences P > 0.05 in the means of heart rate (beat/minutes) between zero and 5min 38.7 ± 0.76 -36.7 ± 0.83 respectively with 10 min 42.3 ± 0.775 also respiratory rate (breath/minutes) similar to heart rate at zero and 5 min 19.1 ±0.348 -21 ± 0.466 beat/min show significant differences P>0.05 with 10 min 25 ± 0.683 beat/min. The general anesthesia in this protocol was good and little effect on the cardiopulmonary in donkeys. | | | | | | Abstract |