

The Sedative and Analgesic Effects of Detomidine (Domosedan) in Donkeys

1. M. B. Mostafa^{*},
2. K. A. Farag^{*},
3. El Zomor^{*} and
4. M. M. Bashandy^{*}

Summary

Detomidine (Domosedan) was administered to four groups of donkeys, using four different dosages (5, 10, 20 and 40 µg/kg bwt) intravenously. The drug provided adequate sedation at dosages of 5 and 10 µg/kg bwt. Sedation deepened only slightly by increasing the dose. Analgesia was considered good with a dose of 20 µg/kg, and 40 µg/kg provided a deep analgesia associated with a longer duration. No significant changes had been observed in haematocrit (PCV), haemoglobin content (Hb%), total red and white cell counts and differential leucocytic counts. It was concluded that detomidine is a valuable sedative and analgesic drug to be used in donkeys without any serious implications.