

# Comparative efficacy of diminazene diaceturate and imidocarb dipropionate against *Babesia equi* infection in donkeys

Bhoop Singh<sup>\*</sup>, D.P. Banerjee<sup>\*\*</sup> and O.P. Gautam<sup>\*\*\*</sup>

<sup>\*</sup>Department of Veterinary Medicine, Marathwada Agricultural University, Parbhani, Maharashtra India

<sup>\*\*</sup>Department of Veterinary Parasitology, Haryana Agricultural University, Hissar-125004, Haryana India

<sup>\*\*\*</sup>Department of Veterinary Medicine, Haryana Agricultural University, Hissar-125004, Haryana India

Accepted 20 February 1980.

Available online 12 November 2002.

## Abstract

**Diminazene diaceturate** (Berenil, Hoechst) at 12 mg/kg intramuscularly (i/m) and repeated after 24 hours controlled the rising parasitaemia of *Babesia equi* infection in four out of five splenectomised donkeys. The drug was more effective in the early stages of the disease and had a prophylactic effect for at least 30–35 days.

A new babesicide, **imidocarb** (Imizol, Burroughs Wellcome), was 100% effective in three splenectomised donkeys at 5 mg/kg, i/m and repeated after 48 hours. However, imidocarb at 5 or 2 mg/kg i/m with a single injection was only partially effective or ineffective.

[doi:10.1016/0304-4017\(80\)90020-5](https://doi.org/10.1016/0304-4017(80)90020-5)