

EVALUATION OF ORALLY ADMINISTERED VITAMIN C ON THE EFFICACY OF DIMINAZINE ACETURATE (BERENIL) IN EXPERIMENTAL TRYPANOSOMOSIS IN RATS .

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ABSTRACT

Typanocidal efficacy of supplementing vitamin C with berenilR was investigated in experimental *Trypanosoma brucei* infection in rats. Infection with *Trypanosoma brucei* caused a progressive parasitaemia accompanied by a significant ($P < 0.05$) increase in white blood cell (wbc). These effects were significantly ($P < 0.05$) improved toward control values when berenilR (1.75mg/kg) was supplemented with vitamin C, showing that vitamin C combination with berenilR may reduce the severity of trypanosomosis by reducing the level of parasitaemia and its associated anaemia and leucocytosis.