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## »COMBELEN« IN DOGS

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### STUDIES ON THE ERYTHROPENIC EFFECT OF PROPIONYL-PROMAZINE »COMBELEN« IN DOGS

### PROUČAVANJE ERITROPENIJE U PASA IZAZVANE PROPIONIL-PROMAZINOM (»COMBELEN«)

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With slightly more  
total plasma and blood volumes were found in both adrenalectomized and adrenalectomized dogs after intravenous injection of propionyl-promazine in therapeutic doses.

#### INTRODUCTION

In modern veterinary practice, much use is made of tranquilizers but they may be harmful, especially in shocked and insensible animals, due to their pronounced erythropenic effect as reported by Kitzner (1955), Hox and Wilkinson (1957), Szabo and Meyer (1960), Fouad (1962), Gohsme and Metzweher (1963), in dogs, Horvath and Szabo (1957), Garner et al. (1965) in cattle, Turner and Hodgetts (1960) in sheep, Fouad and Shokry (1973) in buffaloes, Tólgynyó (1960), Müller (1967) in horses.

There is no satisfactory explanation as to how tranquilizers produce this erythropenic effect. To this end we have studied the effect of propionyl-promazine on the haemoglobin, plasma and total blood volumes and circulating red cell mass in adrenalectomized and control dogs.

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