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Abstract

Therapeutic management of Post Parturient Haemoglobinuria in Cattle

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Abstract

A Six-year H.F cross cattle was presented to the department of veterinary clinical complex, Veterinary College, Bidar with the history of reduced feed intake, sudden drop in milk yield, passing dark brown colored urine since from three days. Clinical examination revealed dullness, pale conjunctival mucous membranes, 101.5°F rectal temperature, tachycardia, coffee decoction-colored urine and jugular pulsation. Haematological examination showed Haemoglobin 5.4gm/dl, TEC $3.98 \times 10^6/\mu\text{l}$, and PCV 20.00%. Biochemical analysis revealed decreased serum phosphorus level about 3mg/dl. Based on clinical findings and haemato-biochemical evaluation the case was diagnosed as Post Parturient Haemoglobinuria. The cattle was treated with inorganic buffered phosphorus solution-inj. Novizac @ 50ml I/V on the first day followed by 25ml I/V for the next four days. Supportive treatment included inj. Dextrose-20% 1000ml I/V, inj Tribivet 10ml I/M, inj Zeet 10 ml I/M and sodium bicarbonate @ 100gm P/O for 5 days. The animal was kept on oral Haematinics (Ferstron) @ 50ml P/O. The animal showed an uneventful recovery with improvement in clinical findings 5 days post treatment.