

**A CASE REPORT ON
CORRECTION AND MANAGEMENT OF RUMINAL ACIDOSIS IN
CATTLE**



A Case Report Submitted by

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CATTLE**



A Clinical Report submitted as per approved style and content

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ABSTRACT

A comprehensive study was conducted in a cattle that was suffering from acidosis after feeding of large amount of grain and cooked rice. My study on ruminal acidosis in cattle'' was conducted during internship program at Tamil Nadu Veterinary and Animal Sciences University, Veterinary College and Research Institute (VC&RI), Namakkal, India. Tentative diagnosis of the case was performed from relevant history, clinical signs, clinical examination of color, odor and consistency of rumen fluid and rumen microflora movements. Confirmation diagnosis was performed by measuring the rumen fluid. The predisposing factors of ruminal acidosis were from feeding of cooked rice, rice gruel. The mean temperatures, rumen fluid pH of the affected cattle were 101.5°F and 5 respectively. The most effective treatment of acidosis in cattle was observed from the use of ruminal alkalizer (5% sodium bicarbonate), antacids (magnesium hydroxide), some antibiotics potentiated Sulphonamides and Tetracycline along with fluid therapy. This study suggests that carbohydrate in cow should be feed cautiously to prevent ruminal acidosis.

Key words: *Acidosis, Rumen pH, Alkalizer.*