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ACKNOWLEDGEMENTS

I would like to express the deepest sense of gratitude and all sorts of praises to the God, the omnipresent, omnipotent whose blessings have enabled the author in successful materialization and fulfillment of this study.

I would like to express my sincere heartfelt gratitude, profound respect, and immense indebtedness to reverend teacher and internship supervisor **Prof. Dr. S.K.M Azizul Islam**, Dept. of Physiology Biochemistry and Pharmacology, Chittagong Veterinary and Animal Sciences University for his scholastic guidance, simultaneous inspiration, valuable suggestions and encouragement during study period and also preparing the clinical report. His guidance helped me in all the time of research and writing of this report. Thanks him to give me the golden opportunity to do this work on the topic.

The author also wishes to thank the senior technical officer **Md Rafikul Islam** Dept. of Physiology Biochemistry and Pharmacology, Chittagong Veterinary and Animal Sciences University for his support during my laboratory work.

The Author

ABSTRACT

A 3.5 years old Holstein Friesian cow having body weight 350 kg having clinical signs of decreasing milk production, losing body weight. Body condition score is very poor (3). Physical examination revealed red color urine, low ruminal movement, pale mucous membrane. Sweetish odor came out during expiration. Some laboratory tests (routine examination of blood, routine examination of urine, serum biochemistry) are advised for confirmatory diagnosis. Test results showed higher serum triglyceride and lower serum glucose, calcium, phosphorus and magnesium. Red blood cells and ketone bodies are found in urine. After analysis of test result data, physical examination findings and owner history the case was diagnosed as bovine ketosis. Intravenous glucose, calcium, phosphorus preparation, kidney tonic was given as treatment protocol. The owner was advised to supply balanced ration containing enough carbohydrate during lactation period of high yielding cow as a preventive measure of ketosis.

Key Words: Ketosis, Holstein Friesian

