

Eosinophilic Enteritis in a Dairy Cow

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The eosinophilic enteritis is rare condition in domestic animals and clinical signs include weight loss, hypoalbuminaemia, and diarrhea. A few cases of idiopathic eosinophilic enteritis have been reported in cows. The present paper reports the occurrence of eosinophilic enteritis in a dairy cow. A seven-year-old, female dairy cow was reported to have acute onset of diarrhea, anorexia, depression, and sudden drop of milk yield. No abnormality was found on clinical examination except intermittent ping sound and fluid-surface of right-side abdominal wall. However, blood cell count and serum chemistry indicated eosinophilia, neutrophilia, lymphopenia, hypercholesteremia and hyperalbuminemia. Clinical signs were completely disappeared and milk yield returned to normal level after treatment with oxytetracycline, neostigmine, anti-histamine, digestant and supportive therapy. The laboratory and clinical results may confirmed the eosinophilic enteritis in a dairy cow.

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