A Case-report of an Outbreak of Histomoniasis in Turkey in Mashhad Area

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Objective: Diagnosis of Histomoniasis.

Design: Case-report.

Animals: Eighty turkeys (2-3 months old) from a small flock in Mashhad area.

History: In February 2003, in a small flock of turkeys (n=80) that co-bred with domestic hens (n=200) and geese (n=70) a disease occurred with clinical signs of inappetence, diarrhea and head cyanosis. Disease had high morbidity (75%) and mortality (66%). Five carcasses and two ill turkeys were referred to birds clinic for diagnosis and treatment of disease. At necropsy, congestion and necrosis in mucosa of ceca and liver were characterized. Because of strong suspicion to histomoniasis, tissue samples were obtained for Parasitological and Pathological examinations. After preparing smears and tissue sections, they were stained with Giemsa and Haematoxyline-Eosine methods, respectively. Also, faeces of domestic hens were examined for determination Heterakis gallinarum infection.

Results: Microscopic examination of the smears and tissue sections were shown Histomonas meleagris infection in cecum and liver. Also, the hatch or ascariid eggs were found in the faeces.

Conclusion: The results of this study indicates that histomoniasis can be an important disease of turkeys in Iran when co-bred with chicken. J. Fac. Vet. Med. Univ. Tehran. 60,2:143-145,2005.

Keyword: turkey, histomoniasis, Mashhad.

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محوطه‌ای روتاز در کنار هم‌نگهداری می‌شود. بیماری در 6 نقطه از جویه بیولوگی‌های 3-4 ماه عامل‌های کواغوشیده اسپالس سیاهشن تا بی‌لیفتی با این طبقه (بروز نموده) به مظهر تشخیص و درمان بیماری ناشی از
پنج بیولوگی لنز فلج‌ها به همراه 9 نقطه بیولوگی بیمار توسط صاحب گله در مبانی‌های طراحی دانشکده میکرو‌شیمی از ابعاد داده شد. در بیولوگی‌های بیمار
ارسالی بی‌شتاب و ضعف، عاملی می‌باشد می‌باشد. در گالیاگشایی
علاوه بر خروج رسیده‌ها و بیمار، بیولوگی بیمارتیک نقاط نگهداری
حاکم‌زاده می‌باشد از افزایش بیمار و بیمارگیری. از بیان بیولوگی بیمارتیک بیمارتیک تهیه
و جهت مطالعات ارجاعی شناسی بیمار، بیمارگیری گردید. همچنین
بافت‌های ضایعه دیده که و بیمارتیک تهیه مقاطع بینی واژن آمیزی با


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