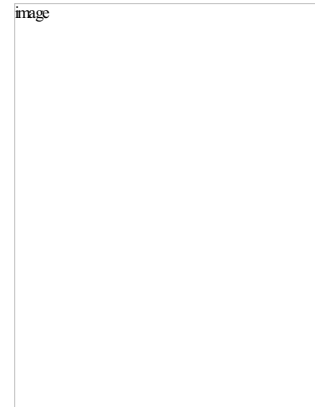


POLYARTHROPATHY AND ANTERIOR UVEITIS
AS PARANEOPLASTIC SYNDROMES IN A
GUINEA PIG WITH DISSEMINATED
LYMPHOMA

Mariann Lempert, Lorraine Corriveau



www.elsevier.com/locate/bios

PII: S1557-5063(18)30113-7
DOI: <https://doi.org/10.1053/j.jepm.2018.04.005>
Reference: JEPM790

To appear in: *Journal of Exotic Pet Medicine*

Cite this article as: Mariann Lempert and Lorraine Corriveau, POLYARTHROPATHY AND ANTERIOR UVEITIS AS PARANEOPLASTIC SYNDROMES IN A GUINEA PIG WITH DISSEMINATED LYMPHOMA, *Journal of Exotic Pet Medicine*, doi:10.1053/j.jepm.2018.04.005

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Brief Communication**Polyarthropathy and Anterior Uveitis as Paraneoplastic Syndromes in a Guinea Pig with Disseminated Lymphoma**

Mariann Lempert, DVM
Lorraine Corriveau, DVM

From the White Rock Veterinary Hospital and Exotic Pet Care, Pflugerville, Texas USA (Lempert), Purdue University College of Veterinary Medicine, West Lafayette, Indiana USA (Corriveau)

Address correspondence to Mariann Lempert, White Rock Veterinary Hospital and Exotic Pet Care, 2509 Pecan St. West, Pflugerville, TX 78660 USA. Email address: milempert@gmail.com. Tel: 512.670.5400

Abstract

A 4-year-old intact male guinea pig was presented for evaluation of ocular pain and forelimb lameness. Initial examination confirmed bilateral anterior uveitis and the lameness was attributed to a bilateral carpal and metacarpal polyarthropathy. Carpal joint taps revealed non-septic marked mixed inflammation later confirmed as a non-erosive immune-mediated polyarthropathy (IMPA). Treatment with topical steroid ophthalmic ointment resulted in rapid resolution of the uveitis; the arthropathy was initially managed with pain medication and anti-inflammatories, then later with doxycycline and cyclosporine. Over the course of seven days, the joint swelling and pain improved slightly, but the patient developed severe exophthalmos of the right eye. An ocular ultrasound examination revealed a space occupying mass in the retrobulbar space and results of a fine needle aspirate of the mass was diagnosed as lymphoma. Treatment with prednisone was set to be initiated after a 3-day wash-out period of meloxicam, but the patient was euthanized before the initiation of chemotherapy. Necropsy results indicated the lymphoma had infiltrated the right eye, kidneys, adrenal glands, thyroid glands, lungs, liver, spleen, testicular interstitium, urinary bladder, pancreas, mesentery, lymph nodes, and meninges. This is an unusual presentation of apparent paraneoplastic uveitis and immune-mediated polyarthropathy in a guinea pig.

Key words: Lymphoma; paraneoplastic syndrome; anterior uveitis; non-erosive IMPA; ocular ultrasonography; guinea pig; *Cavia porcellus*

Download English Version:

<https://daneshyari.com/en/article/8483695>

Download Persian Version:

<https://daneshyari.com/article/8483695>

[Daneshyari.com](https://daneshyari.com)