

## Eosinophilic myocarditis caused by *Toxocara canis* larvae infection: A case report

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### *Toxocariasis, a worldwide occurring zoonosis*

- **Humans** become infected by accidental ingestion of embryonated *Toxocara* eggs
- **visceral larva migrans**
- 10-15% of the cases presents **myocarditis**

#### 54-year-old woman

submitted at the hospital with:

- ✓ **history of fatigue**
- ✓ **apraxia**
- ✓ **gait instability**
- ✓ **involuntary** movements of the upper limbs for a week
- ✓ **diplopia & blurred vision** for two days

- ❑ clinical & neurological: **disorientation** in space and time, **upper limb dysmetria, gait instability & bradyphrenia**
- ❑ laboratory: **increased eosinophils count (3500 cells/mm<sup>3</sup>) & troponin (cTnl) levels (10 ng/mL)**
  - ❑ electrocardiogram: **nonspecific changes**
    - ❑ brain MRI: **multiple abnormal foci**
    - ❑ cerebrospinal fluid & ocular : **no signs of active infection**
  - ❑ cardiac MRI: **inflammation of the myocardium & thrombus in the apex of the left ventricle**
- ❑ ELISA: presence of *T. canis* specific antibodies (titre 1/2400)

**treatment with prednisolone, albendazole & acenocoumarol → clinical improvement**

***Toxocariasis should not be neglected and should be considered as a possible cause of myocarditis especially when presented with eosinophilia.***

