

What are the four basic anatomic locations in which uveitis can originate?



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Which location is most likely to manifest uveitis caused by Toxocara?



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With which form is Toxocara most likely to present?

Uveitis: **Posterior**

1) The uveitis is profiled

- 2) The profiled case is meshed
- 3) A differential diagnosis list is generated
- 4) Studies are obtained to identify the etiology
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Choroiditis

- TB
- Masquerade

White dot syndromes

- SLE
- PAN/MPA
- Wegener's



- Syphilis

- Histoplasmosis

– Toxoplasmosis

– Toxocariasis



With which form is Toxocara most likely to present?

Overview

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Toxocara canis

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Does **ocular** *toxocariasis produce an eosinophilia?* **No**, so don't let a normal WBC count push you off the diagnosis

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Toxocariasis: Leukocoria

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What is the hallmark finding in the peripheral granuloma form? A peripheral retinal mass connected by dense fibrous strands to the optic disc, resulting in a 'dragged disc' appearance





Toxocariasis: Peripheral granuloma





Toxocariasis: Peripheral granuloma: Disc dragging

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Macular granuloma: 25 Peripheral granuloma	 %Retinopathy of prematurity (ROP) : 50%Familial exudative vitreoretinopathy (FEVR) 	

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- --Chronic endophthalmitis: 25%
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- -- Diffuse unilateral subacute neuroretinitis (DUSN)

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What are the other two worms known to cause DUSN?

- --Toxocara
- --Baylisascaris
- --Ancylostoma





Toxocara canis causing DUSN

Uveitis: *Toxocariasis Diagnosis*

How is the diagnosis of ocular toxocariasis made?

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How is the diagnosis of ocular toxocariasis made? It is primarily a clinical diagnosis

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