

## Human intestinal infection with an oligochaete species: A Case report

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### Abstract

A 22-year-old girl suffered from repeated episodes of severe colic, flatulence and dysentery associated with significantly low haemoglobin levels. She passed with stool a worm-like, motile, segmented organism enclosed in a very thin membranous sac which immediately ruptured. Specimens were prepared stained and unstained. They were morphometrically identified as an Eiseniella-like annelid (Annelida, Class: Oligochaeta). Trials to treat with praziquantel (20 mg/KG) were failed. Further investigation using X-ray and colonoscopy revealed no other stages remain. How such rare infection does occur? Why it is episodic? That is fully dealt with and discussed.



### Speaker Publications:

1. "Melatonin reduces oxidative damage and increases survival of mice infected with *Schistosoma mansoni*"
2. "Biochemical profiles in Friesian cattle naturally infected with *Theileria annulata* in Saudi Arabia"
3. "The antioxidant activity of vitamin C, DPPD and L-cysteine against cisplatin-induced testicular oxidative damage in rats"
4. "Seasonal variation of heavy metals accumulation in muscles of the African Catfish *Clarias gariepinus* and in River Nile water and sediments at Assiut Governorate, Egypt"
5. "Tailored carbon partitioning for phototrophic production of (E)- $\alpha$ -bisabolene from the green microalga *Chlamydomonas reinhardtii*"

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### Biography:

Dr. Omar has completed his PhD from Cairo University in collaboration with Munich University, Germany. He has been a visiting scientist and professor at Ohio State University, Texas A&M, USA, and University of London, UK. He has published more than 70 papers in reputed local and international journals. Dr. Omar is a member of several local and international parasitological associations.