

MDCT as a storytelling modality - Delineating the road map taken by Echinococcus inside the human body: A case report.

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Abstract:

Human echinococcosis is a zoonotic disease caused by tapeworms of the genus Echinococcus that infects humans globally. There are two main species of the Echinococcus tapeworm : Echinococcus granulosus and Echinococcus alveolaris/multilocularis. It can affect any part of the human body except for the skin, and most commonly affects the liver. The two most important forms in humans are cystic echinococcosis (hydatidosis) and alveolar echinococcosis. This condition gives rise to innumerable radiological signs which were clearly demonstrable in this patient. Here is a case of an 47 year old man with hydatid disease with associated pulmonary hydatidosis presented with mild cough, weight loss and diffuse mild abdominal pain. By multimodality approach we were able to not only diagnose but also delineate the road map taken by the parasite within the patient's body.

Key Words: Computed Tomography, Echinococcus, Hydatidosis.

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