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## CASE REPORT

### Isolated Hepatic Sarcoidosis: A Case Report and Literature Review

#### *Sarcoïdose Hépatique Isolée : Rapport De Cas Et Revue De La Littérature*

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#### ABSTRACT

**BACKGROUND:** Sarcoidosis is a multi-systemic disorder of unknown aetiology that primarily involves the pulmonary system with the histological hall mark of a non-caseating granuloma. Isolated hepatic involvement is a manifestation of sarcoidosis.

**OBJECTIVE:** We report an incidental finding of hepatic sarcoidosis in a hypertensive and diabetic patient who presented with abdominal pain and fatigue.

**METHODS:** A case report of sole diagnosis of hepatic sarcoidosis from a Gastroenterology service in Port Harcourt metropolis Nigeria. A literature search was made using the words 'sarcoidosis' and 'hepatic' in PubMed Central, Cochrane and Google search engines. From the search results, literature in English were extracted and reviewed.

**RESULTS:** The index case was referred on account of hepatomegaly with associated abdominal pain and fatigue. A diagnosis of isolated hepatic sarcoidosis was made from elevated liver enzymes, elevated angiotensin converting enzyme, sero-negative autoimmune studies, hepatomegaly with liver nodule on abdominal computerized tomography scan and non-caseating granuloma from liver biopsy. There was no evidence of other systems involvement.

**CONCLUSION:** Hepatic sarcoidosis is rare in African literature more so as no specific laboratory or radiological test is diagnostic. Delayed diagnosis and underreporting of hepatic sarcoidosis are likely in our environment due to the elaborate evaluation needed.

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**KEYWORDS:** Sarcoidosis, Liver

#### RÉSUMÉ

**CONTEXTE:** La sarcoïdose est un trouble multisystémique d'étiologie inconnue qui touche principalement le système pulmonaire avec la marque de hall histologique d'un granulome non caséiforme. L'atteinte hépatique isolée est une manifestation de la sarcoïdose.

**OBJECTIF:** Nous rapportons la découverte fortuite d'une sarcoïdose hépatique chez un patient hypertendu et diabétique qui présentait des douleurs abdominales et de la fatigue.

**MÉTHODES:** Un rapport de cas de diagnostic unique de sarcoïdose hépatique dans un service de gastro-entérologie de Port Harcourt au Nigeria. Une recherche documentaire a été effectuée en utilisant les mots " sarcoïdose " et " hépatique " dans les moteurs de recherche PubMed Central, Cochrane et Google. PubMed Central, Cochrane et Google. A partir des résultats de la recherche, la littérature en anglais a été extraite et examinée.

**RÉSULTATS:** Le cas index a été référé en raison d'une hépatomégalie associée à des douleurs abdominale et fatigue associées. Un diagnostic de sarcoïdose hépatique isolée a été posé à partir de l'élévation des enzymes hépatiques, de l'élévation de l'enzyme de conversion de l'angiotensine, des études auto-immunes séro-négatives, hépatomégalie avec nodule hépatique sur la tomographie abdominale informatisée et tomographie abdominale assistée par ordinateur et granulome non caséiforme à la biopsie du foie.

Il n'y avait aucun signe d'atteinte d'autres systèmes.

**CONCLUSION:** La sarcoïdose hépatique est rare dans la littérature africaine d'autant plus que aucun test de laboratoire ou radiologique spécifique n'est diagnostique. Un diagnostic tardif et la sous-déclaration de la sarcoïdose hépatique sont probables dans notre environnement en raison de l'évaluation élaborée nécessaire.

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**MOTS-CLÉS:** Sarcoïdose, Foie

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