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Aug 13, 2013 · Curvilinear bodies in hydroxychloroquine-induced **renal phospholipidosis resembling Fabry disease** Rui M. Costa , 1 Eduardo V. Martul , 2 Juan M. Reboredo , 2 and Secundino Cigarrán 3 1 Nephrology Department, Centro Hospitalar de Trás-os-Montes e Alto Douro, Vila Real, Portugal

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Aug 13, 2013 · We **report** a 31-year-old systemic lupus erythematosus (SLE) patient on hydroxychloroquine therapy who underwent a **kidney** biopsy that revealed findings typical of **Fabry disease**. **Case report** A 31-year-old female was diagnosed with SLE in 1998 when she presented with arthritis, anaemia and skin lesions (lupus discoid).

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Author: Rui M. Costa, Eduardo V. Martul, Juan M. R...

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Ultrastructural deposits appearing as “zebra bodies” in ...

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May 12, 2017 · Background. **Fabry Disease** (FD) is a genetic disorder caused by alpha-galactosidase A deficiency. Certain drugs, such as hydroxychloroquine, can produce **renal** deposits that mimic morphological findings seen in FD, characterizing a type of drug-induced **renal phospholipidosis**.

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hydroxychloroquine-induced **renal phospholipidosis**. **Case 2** A 29-year-old man presented with arthralgia, pain and paresthesia in fingers. Hypertension, diabetes mellitus, gross hematuria or photosensitivity were absent. There was no family history of **Fabry Disease**. Upon physical examination, he was normotensive and there were no signs of ...

Fabry Disease

Medical Condition

 Image for Condition

A rare genetic disease caused by the deficiency of an enzyme called alpha-galactosidase A.

 Rare (Fewer than 200,000 cases per year in US)

 Requires lab test or imaging

 Treatment from medical professional advised

 Can last several months or years

Genetic condition caused by a defect on the X chromosome. Episodes of pain and burning sensations, red spots on the skin, eye cloudiness and decreased ability to sweat are the commonly noted symptoms. Treatment options include enzyme replacement therapy and medications to treat and prevent symptoms.

Symptoms

Most commonly noted symptoms are as follows:

- Episodes of pain and burning sensation
- Dark red spots on the skin
- Decreased ability to sweat
- Eye cloudiness
- Gastrointestinal problems such as abdominal discomfort

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 51070

Manuscript Type: CASE REPORT

Hydroxychloroquine-induced renal phospholipidosis resembling Fabry disease in undifferentiated connective tissue disease: A case report

Wu SZ *et al.* Hydroxychloroquine-induced renal phospholipidosis

Song-Zhao Wu, Xiang Liang, Jian Geng, Meng-Bi Zhang, Na Xie, Xiao-Yan Su

Abstract

BACKGROUND

Fabry disease is a kind of lysosomal storage disease resulting from deficient activity of the lysosomal hydrolase alpha-galactosidase A. A mutation in the *GLA* gene leads to a loss of activity of alpha-galactosidase A. Some drugs, such as hydroxychloroquine, can cause pathological changes similar to those usually seen in Fabry disease.

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Curvilinear bodies in hydroxychloroquine-induced renal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4438404>

Aug 13, 2013 · Introduction. Various drugs including amiodarone, chloroquine and hydroxychloroquine may mimic phospholipidosis of Fabry disease. In previous years, case reports have been published that have drawn attention to chloroquine, causing histomorphologic changes similar to those of Fabry nephropathy.

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Publish Year: 2013

Curvilinear bodies in hydroxychloroquine-induced renal ...

<https://academic.oup.com/ckj/article/6/5/533/377246> ▾

Aug 13, 2013 · Accordingly, renal phospholipidosis, similar to that observed in Fabry nephropathy, has been associated with chloroquine and hydroxychloroquine toxicity. In these cases, ultrastructural analysis has variously shown small dense cytoplasmic bodies, larger concentrically lamellated myeloid bodies and straight parallel-arranged lamellated zebra bodies, resembling Fabry disease.

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Publish Year: 2013

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Case Report Hydroxychloroquine-induced lipidosis of the kidney mimicking Fabry disease: a case report Fei Zhao *, Yanna Dou , Dong Liu, Wenming Yuan, Songxia Quan, Xiaoyang Wang, Genyang Cheng, Jing Xiao, Zhazheng Zhao Nephrology Center, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, China. *Equal contributors.

[PDF] Ultrastructural deposits appearing as "zebra bodies" in ...

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Background: Fabry Disease (FD) is a genetic disorder caused by alpha-galactosidase A deficiency. Certain drugs, such as hydroxychloroquine, can produce renal deposits that mimic morphological findings seen in FD, characterizing a type of drug-induced renal phospholipidosis.

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