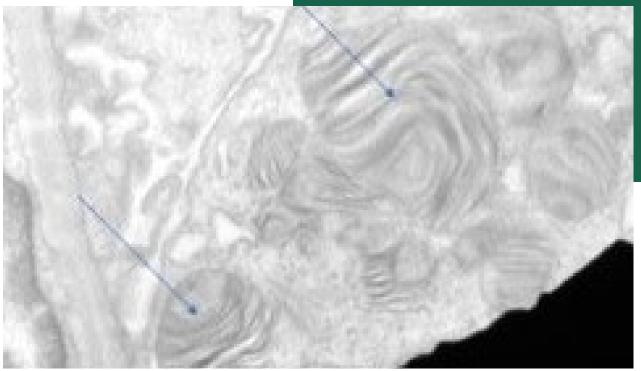
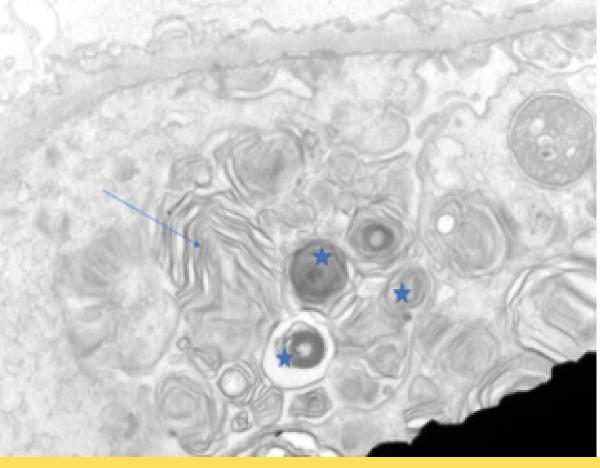
ZEBRA BODIES ON ELECTRON MYCROSCOPY; A CASE REPORT

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MYELIN FIGURES (ASTERISK) ON ELECTRON MICROSCOPY

ZEBRA BODIES (ARROWS) ON Electron Microscopy

> INTRODUCTION: KIDNEY BIOPSY IS A VALUABLE AND OFTEN INDISPENSABLE TOOL GUIDING THE DIAGNOSIS And optimal approach to the treatment of intrinsic kidney diseases.

CASE REPORT: A 61-YEAR OLD MAN WITH SERONEGATIVE RHEUMATOID ARTHRITIS, FREQUENT ATTACKS OF URIC ARTHRITIS AND A FOUR-YEAR DIABETES PRESENTED WITH ACUTE NEPHRITIC SYNDROME. KIDNEY BIOPSY Revealed Iga Nephropathy of Minimal Acitivity and no chronicity described by Oxford Score Mo EO SO TO CO, and Minimal Acute Tubular Injury and focal Interstitial Nephritis. Electron Microscopy Found Very Scarce Iga deposits that were probably non-pathogenetic and Myeloid OR ZEBRA BODIES IN THE CYTOPLASM OF PODOCYTES, PRIMARILY SUGGESTIVE FOR FABRY DISEASE.

DISCUSSION: MYELOD OR ZEBRA BODIES ARE A HALLMARK OF GLYCOLIPID STORAGE DISORDERS. DEPOSITS OF AS LAMELLATED MBRANE ST RUCTURES (GB3) CELL TYPES. MOST PROMINENTLY **BE FOUND** GLOMERULAR PODOCYTES. TUBULES. HOWEVER. LAMELLAR INCLUSIONS BEFN MUSCLE CELLS. AND DESCRIBED SILICOSIS. USE OF CAT THE ROCHINE, CHLORP CLOMIPR ORCYCLIZINE, TR ICYCLIC IMIPRAMINE EP SOMETIMES HELPFUL S THE ASSOCIATED WITH GENTAMICIN OCCUR **PROXIMAL TUBULES, WHEREAS, IN** FABRY DISEASE, THE INCLUSIONS ARE MOST STRIKING IN PODOCYTES AND DISTAL TUBULES.

MESANGIAL DEPOSITS (ARROWS) ON Electron Microscopy

CONCLUSION: LEUCOCYTE ALPHA-GALACTOSIDASE A (ALPHA-GAL A) ACTIVITY ENZYMATIC ASSAY RULED OUT FABRY DISEASE. SINCE OUR PATIENT HAD BEEN TREATED WITH HYDROXYCHLOROQUINE FOR OVER A DECADE, The DRUG WAS SUSPENDED. THE PATIENT SIGNIFICANTLY RECOVERED HIS KIDNEY FUNCTION IN THE FOLLOW-UP.

> MAUER M, WALLACE E. (2023.). FABRY DISEASE: KIDNEY MANIFESTATIONS. IN A.Q. LAM (ED.), *UP to date*. [Cited 2023 APR 25] Available from: WWW.uptodate.com