Chloroquine-Induced Cardiomyopathy

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FIG 1. A, This page. Light micrograph of a 1-µm-thick section of endomyocardial biopsy specimen embedded in epoxy resin and stained with alkaline toluidine blue containing numerous cytoplasmic inclusions that occupy the central areas of myocytes (original magnification ×700). B, Next page. Electron micrograph of a section of endomyocardial biopsy specimen stained with lead citrate and uranyl acetate demonstrating that the cytoplasmic inclusions are composed of irregularly arranged electron-dense concentric lamellae and curvilinear bodies (original magnification ×30,000). The curvilinear bodies are morphologically similar to those described in skeletal muscle, neural elements, and other cell types of patients and experimental animals with chloroquine-toxic side effects.

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