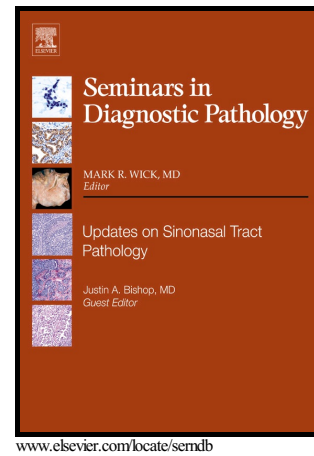


Author's Accepted Manuscript

HIV and Mycobacteria

Gary W. Procop



PII: S0740-2570(17)30047-3

DOI: <http://dx.doi.org/10.1053/j.semdp.2017.04.006>

Reference: YSDIA50508

To appear in: *Seminars in Diagnostic Pathology*

Cite this article as: Gary W. Procop, HIV and Mycobacteria, *Seminars in Diagnostic Pathology*, <http://dx.doi.org/10.1053/j.semdp.2017.04.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

HIV and Mycobacteria

Gary W. Procop, MD, MS¹

Staff, Pathology and Clinical Microbiology, Cleveland Clinic, 9500 Euclid Avenue / LL2-2, Cleveland, OH
44195

procopg@ccf.org

Abstract

The importance of mycobacteria as opportunistic pathogens, particularly members of the *M. avium* complex (MAC), in patients with progressive HIV infection was recognized early in the AIDS epidemic. It took longer to appreciate the global impact and devastation that would result from the deadly synergy that exists between HIV and *M. tuberculosis*. This HIV/*M. tuberculosis* co-pandemic is ongoing and claiming millions of lives every year. In addition to MAC, a number of other non-tuberculous mycobacteria have been recognized as opportunistic pathogens in HIV-infected individuals; some of these are more commonly encountered (e.g., *M. kansasii*) than others (*M. haemophilum* and *M. genevense*). Finally, there are challenges to concomitantly treating the HIV and the infecting *Mycobacterium* species, because of antimicrobial resistance, therapeutic side-effects and the complex pharmacologic interactions of the antiretroviral and antimycobacterial multidrug therapy.

¹ Contact Information: Phone: 216-444-5878

Download English Version:

<https://daneshyari.com/en/article/5716673>

Download Persian Version:

<https://daneshyari.com/article/5716673>

[Daneshyari.com](https://daneshyari.com)