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Fungal disease of the nose and paranasal sinuses.

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Abstract

Fungal infections of the nose and paranasal sinuses represent a spectrum of diseases ranging from colonization to invasive rhinosinusitis. Clinical manifestations are largely dependent on the immune status of the host, and given the ubiquitous nature of these organisms, exposure is unavoidable. Noninvasive disease includes asymptomatic fungal colonization, fungus balls, and allergic fungal rhinosinusitis. Invasive disease includes indolent chronic rhinosinusitis, granulomatous fungal sinusitis, and acute fulminant fungal rhinosinusitis. A differentiation of these somewhat overlapping syndromes and the disparate treatment regimens required for effective management are the focus of this review.

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