Title: Bordetella bronchiseptica pneumonia in patient with AIDS.

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Author's response to reviews:

Added an abstract

Introduction:

Bordetella bronchiseptica can be a culprit causing virulent pneumonia in humans with impaired immune systems. Few cases have been reported in the medical literature in which Bordetella bronchiseptica has been the only pathogen isolated during the interstitial pneumonia.

Case presentation:

A 42 year old African American male with HIV/AIDS presented with pulmonary symptoms which mimicked Pneumocystis jiroveci pneumonia. A sputum culture grew Bordetella bronchiseptica, a common respiratory commensal of wild and domestic animals, rarely implicated in infectious in humans.

Conclusion:

In HIV/AIDS patients who present with pulmonary symptoms, one should add Bordetella bronchiseptica to the differential list of pathogens. Sputum culture, as well as history of animal exposure, in these patients should be mandatory.