

**Name of Journal:** *World Journal of Respirology*

**Manuscript NO:** 64815

**Manuscript Type:** CASE REPORT

**SARS-CoV-2 with concurrent coccidioidomycosis complicated by refractory pneumothorax in a Hispanic male: A case report and literature review**

Mathew J *et al.* Concomitant coccidioidomycosis in SARS-CoV-2 complicated by refractory pneumothorax

Joscilin Mathew, Sundar V Cherukuri, Fatma Dihowm

## Abstract

### BACKGROUND

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We review the interaction between coronavirus disease (COVID-19) and coccidioidomycosis, a respiratory infection caused by inhalation of *Coccidioides* fungal spores in dust. We examine risk for co-infection among construction and agricultural workers, incarcerated persons, Black and Latino populations, and persons living in high dust areas.

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At this rate, for each PCR-confirmed SARS-CoV-2 infection reported by the Ministry of Health, 103 (95% credible interval 86–126) infections would have been unreported, meaning SARS-CoV-2 has likely spread extensively within Juba.

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Dec 10, 2019 · A Rapid, High-Sensitivity SARS-CoV-2 Nucleocapsid Immunoassay to Aid Diagnosis of Acute COVID-19 at the Point of Care: A Clinical Performance Study. Drain PK, Ampajwala M, Chappel C, Gvozden AB, Hoppers M, Wang M, Rosen R, Young S, Zissman E, Montano M. Infect Dis Ther. 2021 Feb 24;10(2):10.1093/infdis/jiaa112. ...



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