

Name of Journal: *World Journal of Radiology*

Manuscript NO: 63998

Manuscript Type: REVIEW

COVID-19 imaging: Diagnostic approaches, challenges, and evolving advances

Pezzutti DL *et al.* COVID-19 imaging

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Abstract

The role of radiology and the radiologist have evolved throughout the ¹coronavirus disease-2019 (COVID-19) pandemic. Early on, chest computed tomography was used for ⁴screening and diagnosis of COVID-19; however, it is now indicated for high-risk patients, those with severe disease, or in areas where polymerase chain reaction testing is sparsely available. Chest radiography is now utilized mainly for monitoring disease

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During the spread of the coronavirus disease 2019 (COVID-19) pandemic, the strain on health care systems has been felt globally, and varying strategies for appropriate use of limited medical resource have been proposed (1, 2). However, heterogeneity in disease and presentation is evident, and the ability to predict required medical support ahead of time is limited.

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