

CT Chest Imaging Features of Novel Coronavirus Pneumonia: A Case Report

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1. Abstract

1.1. Background: The outbreak of the novel coronavirus has impacted nearly >5 million people in more than 188 countries [1,2]. We will present common imaging findings chest computed tomography findings of 2019-novel coronavirus associated with pneumonia.

2. Case Report

Case Report A forty old female patient, who presented with chief complaints of “cough and shortness of breath for past several days.” The novel coronavirus nucleic acid test was positive [3]. It was noted that patient has a recent history of foreign travel. Conservative management was initiated. After two weeks in the intensive care unit patient improved as was able to be successfully be discharged after having two negative covid-19 tests.

3. Conclusion

Chest computed tomography offers efficient evaluation of patients with suspected 2019-novel coronavirus pneumonia. This is a mild case of coronavirus and the patient has improved back to baseline. Unfortunately, a number of patients develop ARDS and have a complicated hospital course and outcomes [4].

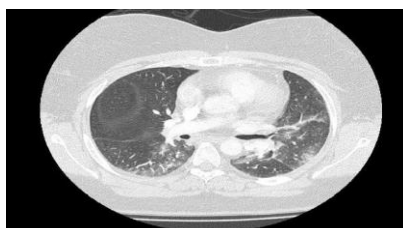


Figure 1: Axial CT Image Lung Windows demonstrates scattered ground glass opacities in the left upper lobe with asymmetric involvement of the right lower lobe.

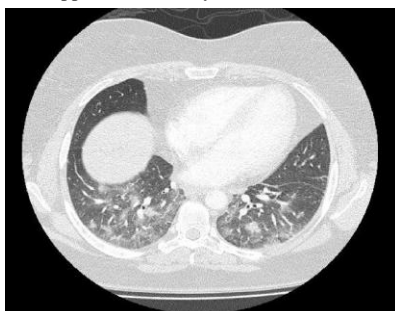


Figure 2: Axial CT Image Lung Windows demonstrates bibasilar groundglass opacities the right and left lowerlobes.

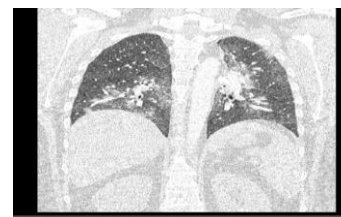


Figure 3: Coronal CT Image Lung Windows demonstrates bibasilar groundglass opacities the right and left lower lungs.

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