

### CT Imaging and Differential Diagnosis of COVID-19

<https://pubmed.ncbi.nlm.nih.gov/32129670>

Since the beginning of 2020, coronavirus disease 2019 (COVID-19) has spread throughout China. This study explains the findings from lung computed tomography images of some patients with COVID-19.

Cited by: 142

Author: Wei-Cai Dai, Han-Wen Zhang, Juan Yu, H...

Publish Year: 2020

### Review of the Chest CT Differential Diagnosis of Ground ...

<https://pubmed.ncbi.nlm.nih.gov/32633678>

Coronavirus disease 2019 (COVID-19), a recently emerged lower respiratory tract illness, has quickly become a pandemic. The purpose of this review is to discuss and differentiate typical imaging findings...

Cited by: 13

Author: Maansi Parekh, Achala Donuru, Rashmi ...

Publish Year: 2020

### Differential diagnosis of coronavirus disease 2019 from ...

<https://idpjournal.biomedcentral.com/articles/10.1186/s40249-020-00737-9>

Aug 26, 2020 · Coronavirus disease 2019 (COVID-19) is currently the most serious infectious disease in the world. An accurate diagnosis of this disease in the clinic is very important. This study aims to...

Author: Kai Cai Liu, Ping Xu, Wei Fu Lv, Lei C... Publish Year: 2020

### Chest CT in COVID-19: What the Radiologist Needs to Know ...

<https://pubs.rsna.org/doi/10.1148/rg.2020200159>

Oct 23, 2020 · Introduction. Coronavirus disease 2019 (COVID-19) is an infectious disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) ().The first human cases of COVID-19...

Cited by: 16

Author: Thomas C. Kwee, Robert M. Kwee

Publish Year: 2020

### Review of the Chest CT Differential Diagnosis of Ground ...

<https://pubs.rsna.org/doi/10.1148/radiol.2020202504>

Jul 07, 2020 · Review of the Chest CT Differential Diagnosis of Ground-Glass Opacities in the COVID Era. ... Specify the limitations of imaging in the diagnosis of COVID-19 pneumonia ... Komiya K, Ishii ...

Cited by: 13

Author: Maansi Parekh, Achala Donuru, Rashmi ...

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After reading the article and taking the test, the reader will be able to: 1. ■ Identify the multivariate context of appropriate use of **imaging** in COVID-19 pneumonia 2. ■ Specify the limitations of **imaging** in the diagnosis of COVID-19 pneumonia 3. ■ Describe the findings and differentiating features of other lung conditions that can be frequently mistaken for COVID-19 pneumonia Accreditation and Designation Statement The RSNA is accredited by the Accreditation Council for Continuing Medical Education (AC...

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Cited by: 21 Author: Maansi Parekh, Achala Donuru, Rashmi ...

**Name of Journal:** *World Journal of Radiology*  
**Manuscript NO:** 63506  
**Manuscript Type:** SYSTEMATIC REVIEWS

**Differential diagnosis of COVID-19 at the chest computed tomography scan: a review with special focus on cancer patients**

Fabiana Perrone, Maurizio Balbi, Chiara Casartelli, Sebastiano Buti, Gianluca Milanese, Nicola Sverzellati, Melissa Bersanelli

**Abstract**  
BACKGROUND

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<https://pubs.rsna.org/doi/10.1148/radiol.2020202504>

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Cited by: 21

Author: Maansi Parekh, Achala Donuru, Rashmi ...

Publish Year: 2020

## Radiological management and follow-up of post-COVID-19 ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8015401>

Apr 01, 2021 · The most common findings on chest computed tomography (lung parenchyma window) in post-COVID-19 patients with radiological sequelae are subpleural parenchymal bands ("band opacities" and "subpleural lines", long arrows) with distortion of the lung architecture and secondary bronchial dilation (short arrows).

Author: J. Alarcón-Rodríguez, M. Fernández-V... Publish Year: 2021

## Performance of Radiologists in Differentiating COVID-19 ...

<https://pubs.rsna.org/doi/10.1148/radiol.2020200823>

< **Introduction** Materials and Methods Results Discussion Ar >

Since the initial outbreak of coronavirus disease 2019 (COVID-19) in Wuhan, China, in late December 2019 (1), 105 586 cases have been confirmed, and 3584 deaths have been reported across 60 countries as of March 9, 2020 (2,3). The majority of COVID-19 cases (77%) have been found in China (3,4). Patients infected with COVID-19 typically present with fever, cough, dyspnea, and muscle aches while imaging frequently reveals bilateral pneumonia (5). The standard diagnostic method used is **real-time r...**

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