

### COVID-19 pneumonia manifestations at the admission on ...

<https://pubmed.ncbi.nlm.nih.gov/32289051>

Purpose: To investigate the imaging features of emerging COVID-19 pneumonia on chest ultrasound (US), radiographs (CXR) and computed tomography (CT) examinations performed at admission and to provide a comprehensive radiological literature review on ongoing radiological data from recent publications. Materials and methods: In this retrospective single-center study, we enrolled consecutive ...

Cited by: 192

Author: Pascal Lomoro, Francesco Verde, Filippo...

Publish Year: 2020

### Computed Tomography Features of Coronavirus Disease ...

<https://pubmed.ncbi.nlm.nih.gov/32427651>

Computed Tomography Features of Coronavirus Disease 2019 (COVID-19): A Review for Radiologists  
Coronavirus Disease 2019 (COVID-19) pneumonia has become a global pandemic. Although the rate of new infections in China has decreased, currently, 169 countries report confirmed cases, with many nations showing increasing numbers daily.

### Evolution of computed tomography manifestations of eleven ...

<https://pubmed.ncbi.nlm.nih.gov/32770797>

Evolution of CT manifestations showed that acute exudative lesions of severe COVID-19 pneumonia could be gradually resolved after active intervention. Conclusions: Most of patients with severe COVID-19 pneumonia showed marked improvement of acute exudative lesions on chest imagings, and satisfactory prognosis of severe COVID-19 pneumonia could be achieved after active treatment.

Author: Qiulian Sun, Qianyun Li, Feng Gao, Ji... Publish Year: 2021

### Role of computed tomography in COVID-19

<https://pubmed.ncbi.nlm.nih.gov/32952101>

While COVID-19 primarily manifests as an interstitial pneumonia and severe acute respiratory distress syndrome, severe involvement of other organs has been documented. In this article, we will review the role of non-contrast chest computed tomography in the diagnosis, follow-up and prognosis of patients affected by COVID-19 pneumonia with a detailed description of the imaging findings that may be ...

Cited by: 5

Author: Gianluca Pontone, Stefano Scafuri, Maria...

Publish Year: 2021

195,000 Results

### Computed Tomography Features of Coronavirus Disease 2019 ...

<https://pubmed.ncbi.nlm.nih.gov/32427651>

**Computed Tomography Features of Coronavirus Disease 2019 (COVID-19): A Review for Radiologists**  
**Coronavirus Disease 2019 (COVID-19)** pneumonia has become a global pandemic. Although the rate of new infections in China has decreased, currently, 169 countries report confirmed cases, with many nations showing increasing numbers daily.

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Author: Nikhil Goyal, Michael Chung, Adam Bernhei...

Publish Year: 2020

### Evolution of computed tomography manifestations of eleven ...

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Author: Qiulian Sun, Qianyun Li, Feng Gao, Jingji... Publish Year: 2021

### COVID-19 pneumonia: a pictorial review of CT findings and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7829494>

Jan 25, 2021 · Therefore, radiologists should be more familiar with CT scan **findings** of **COVID-19 pneumonia** and its differential diagnosis. Typical imaging features are those frequently seen, which are more specific for **COVID-19 pneumonia** on the basis of the literature **review** in the current pandemic . These **findings** include peripheral bilateral ground glass opacities (GGO) with or without consolidation or

Name of Journal: *World Journal of Radiology*

Manuscript NO: 65038

Manuscript Type: SYSTEMATIC REVIEWS

Review on radiological evolution of COVID-19 pneumonia at the computed tomography.

Radiological evolution of COVID-19 pneumonia

#### Abstract

##### BACKGROUND

Pneumonia is the main manifestation of COVID-19 infection. Chest computed tomography (CT) is recommended for the initial evaluation of the disease; this technique can also be helpful to monitor the disease progression and evaluate the therapeutic efficacy.

AIM

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### [Computed Tomography Features of Coronavirus Disease ...](#)

<https://pubmed.ncbi.nlm.nih.gov/32427651>

In this article, we review the computed tomography features of COVID-19 infection. Familiarity with these findings and their evolution will help radiologists recognize potential COVID-19 and recognize the significant overlap with other causes of acute lung injury.

Cited by: 11

Author: Nikhil Goyal, Michael Chung, Adam Bern...

Publish Year: 2020

### [Evolution of computed tomography manifestations of eleven ...](#)

<https://pubmed.ncbi.nlm.nih.gov/32770797>

Purpose: Severe coronavirus disease 2019 (COVID-19) pneumonia is associated with a high mortality. However, the evolution of computed tomography (CT) manifestations of severe COVID-19 pneumonia remains unclear, more evidence regarding its evolution process is urgent needed.

Author: Qiulian Sun, Qianyun Li, Feng Gao, Ji...

Publish Year: 2021

### [COVID-19 Associated Pneumonia: A review of chest ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7968910>

Mar 15, 2021 · According to a recent meta-analysis, Altmayer et al. found that both COVID-19 associated and other types of viral pneumonia had overlapping CT findings, except for a higher prevalence of peripheral distribution and involvement of the upper and middle lobes.<sup>42</sup> Both SARS and MERS share common findings with COVID-19 due to their similar pathogenesis.<sup>47,48</sup> However, CT changes related to SARS and MERS are commonly unifocal, as opposed to the multifocal changes usually seen in COVID-19.

Author: Rashid S. Al-Umairi, Joukha Al-Kalba...

Publish Year: 2021

### [The incremental value of computed tomography of COVID ...](#)

<https://www.nature.com/articles/s41598-021-95114-3>

Aug 02, 2021 · We assessed whether chest computed tomography (CT) of COVID-19 pneumonia has an incremental role in predicting patient's admission to ICU. ... (COVID-19): A systematic review ...

### [Frontiers | COVID-19 Chest Computed Tomography to ...](#)

<https://www.frontiersin.org/articles/10.3389/fmed.2020.577609> ▾