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Spontaneous pneumomediastinum in an older coronavirus disease 2019 patient: A case report

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Abstract

BACKGROUND

Spontaneous pneumomediastinum (SPM) is more common in younger adults, usually caused by external factors like trauma. It causes symptoms such as chest pain or dyspnea, but it's rare to see older patients develop SPM. Here we

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Spontaneous pneumomediastinum in an older COVID-19



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Spontaneous pneumomediastinum is a rare condition usually seen in **patients** with underlying pulmonary pathology, infections or mechanical intubation. While not commonly seen in **viral pneumonias**, it has been described in **patients** with **COVID-19 pneumonia**, despite no history of mechanical ventilation.

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Spontaneous pneumomediastinum seems to be rare in **COVID-19**. Here, we share our opinions on the possible mechanism underlying **pneumomediastinum in COVID-19 pneumonia**. Further, we report a **case of spontaneous pneumomediastinum in a COVID-19 patient** (Fig. 1) that was found to resolve on follow-up CT images at our hospital.

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We present a **case of COVID-19 pneumonia** associated with **spontaneous pneumothorax**, **pneumomediastinum** and subcutaneous emphysema. ... **Spontaneous pneumothorax and subcutaneous emphysema in COVID-19 patient: Case report**. Haninger BA, Schin G, Yano H

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May 01, 2020 · Spontaneous pneumomediastinum is a **rare condition** usually seen in patients with underlying pulmonary pathology, infections or mechanical intubation. While not commonly seen in viral pneumonias, it has been described in patients with COVID-19 pneumonia, despite no history of mechanical ventilation.

Author: Vinuta Mohan, Rana Ahmed Tauseen **Publish Year:** 2020

[Spontaneous pneumothorax and subcutaneous emphysema ...](#)

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In the report of Chen et al. that consists of characteristics of 99 patients with COVID-19, 1 case of pneumothorax was firstly mentioned as an atypical imaging feature of disease . Our case report further supports the probability of spontaneous pneumothorax in **COVID-19 patients with lung involvement**. In this way, this **case report highlights a rare clinical scenario of the COVID-19 and emphasizes the importance of initial CT imaging**.

Author: Burcin Agridag Ucpinar, Cennet Sahin... **Publish Year:** 2020



Spontaneous pneumomediastinum in an older COVID-19 patient: A



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<https://www.sciencedirect.com/science/article/abs/pii/S0735675720306616>

Here we report a case of a **52 year old male** who presented with a spontaneous pneumomediastinum in COVID-19 pneumonia, followed by a severe course of disease. We discuss the pathophysiological mechanisms underlying this association as well as its possible clinical implications as a marker of disease severity in COVID-19.

[COVID-19 With Spontaneous Pneumothorax,pneumomediastinum ...](https://pubmed.ncbi.nlm.nih.gov/32330274)

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We present a **case** of **COVID-19** pneumonia associated with **spontaneous** pneumothorax, **pneumomediastinum** and subcutaneous emphysema. ... **Spontaneous** pneumothorax and subcutaneous emphysema in **COVID-19 patient: Case report.** Ucpinar BA, Sahin C, Yanc U ...

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Jul 28, 2020 · This is, to our knowledge, the first autopsy **case report** of a **patient** with previous **COVID-19**. The **patient** had no history of pulmonary illnesses prior to infection and had a normal CT scan of the lungs with no evidence of pulmonary fibrosis just 2 months before **COVID-19**.

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