

COVID-19 Peripheral Neuropathy

[Severe acute respiratory syndrome](#) (SARS-CoV-2), caused by the [Coronavirus 2019 \(COVID-19\)](#), has become a life-threatening epidemic, affecting multiple [organs](#), including the [nervous system](#). Studies have documented that COVID-19-associated peripheral neuropathy is a common and frequent problem, with central and [peripheral nervous system](#) complications.

The most commonly associated peripheral neuropathies described with COVID-19 are Guillain-Barre syndrome and its variants as well as critical illness polyneuropathy. We report in this paper the distinct MRI findings of an unusual case of peripheral neuropathy associated with COVID-19. These findings are similar to those seen in Guillain-Barre syndrome or one of its variants, although differing from the classic condition in certain key clinical and radiological features ¹⁾.

¹⁾

Bahouth S, Chuang K, Olson L, Rosenthal D. COVID-19 related muscle denervation atrophy. *Skeletal Radiol.* 2021 Aug;50(8):1717-1721. doi: 10.1007/s00256-021-03721-y. Epub 2021 Jan 31. PMID: 33517510; PMCID: PMC7847416.

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