



Covid-19: Neurological Complications

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Introduction

With the global pandemic established from the outbreak of the coronavirus (SARS-COV- 2), at the end of 2019, the world found itself in crisis – epidemic, economic, political, especially in the year 2020. The disease, which initially appeared to present exclusively pulmonary symptoms, when observing the evolution of the cases, numerous extrapulmonary manifestations were noticed, including neurological involvement.

Objectives

This study aimed to describe the manifestations presented by patients who presented the Covid-19 infection, with special attention to those of a neurological nature, correlating them with the most recent studies.

Methodology

The study was observational descriptive epidemiological cross-sectional with the application of an online questionnaire for people who had COVID-19. People from medical services in the region of Catanduva, located in the interior of the state of São Paulo, as well as other regions, who answered a semi-structured questionnaire, were included.

Results

The sample consisted of 345 people with a mean age of 36.2 years, 69.9% women, half and half married and single. There was 30.4% with ARh+ blood, and most had taken at least 1 vaccine dose. The most common symptoms of covid-19 were: Tiredness/fatigue (9.3%), Headache (9.1%), Body pain (8.5%), Cough (7.7), Change in taste and/or or smell (7.4%). The most common neurological symptoms in the acute phase and days after the illness were: Headache and and alteration of taste/smell. In the longer phase, the most common symptoms were forgetfulness, change in taste/smell, headache, stroke, and depression.

Conclusion

This epidemiological study demonstrated that among people who had Covid-19 at least 1x, the most common neurological complications were taste/smell alteration and headaches. In the later phase, memory impairments are the most common complaints, taste/smell alterations, headache are still in evidence and then, after that, Vascular Accident and depression.

Keywords: Coronavirus Infections, Headaches, Neurology, Stroke, Complications