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Letter to Editor

Coronavirus and Nervous System Manifestations: An Overview - 3

**Abdur Rahman¹, Ivan David Lozada-Martinez², Sabrina Rahman³, AHM
Ataullah⁴, Karen Muñoz-Baez⁵, Luis Rafael Moscote-Salazar⁶ and Md
Moshiur Rahman^{7*}**

¹Honorary Medical Officer, Dhaka Medical College and Hospital, Dhaka, Bangladesh

²Medical and Surgical Research Center, University of Cartagena, Cartagena, Colombia

³Department of Public Health, Independent University- Bangladesh, Dhaka, Bangladesh

⁴Medical Officer, Sher-E-Bangla Medical College Hospital, Barishal, Bangladesh

⁵Colombian Clinical Research Group in Neurocritical Care, University of Cartagena, Cartagena, Colombia

⁶Center for Biomedical Research (CIB), Faculty of Medicine, University of Cartagena, Cartagena, Colombia

⁷Neurosurgery Department, Holy Family Red Crescent Medical College, Dhaka, Bangladesh

***Address for Correspondence:** Md Moshiur Rahman, Holy Family Red Crescent Medical College, Dhaka, Bangladesh, E-mail: dr.tutul@yahoo.com; ORCID: <https://orcid.org/0000-0002-1183-6829>

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The Covid illness (COVID-19) pandemic, brought about by the extreme intense respiratory condition Covid 2 (SARS-CoV-2), has become a worldwide public health danger [1]. The essential method of transmission of SARS-CoV-2 is from individual to individual during close contact. Transmission is regularly by means of miniature drops, which are delivered while coughing, sneezing or talking [2].

CNS appearances include: pain in head and diminished responsiveness thought about starting markers of likely neurological association; anosmia, hyposmia, hypogeusia, and dysgeusia are continuous early manifestations of Covid contamination. Respiratory disappointment, the deadly sign of COVID-19, liable for a large number of passings around the world, is presumably nervous tract origin and may result from the viral attack of olfactory nerve, advancing into rhinencephalon and brainstem respiratory focuses. Cerebrovascular sickness, specifically enormous vessel ischemic strokes, and less often cerebral venous apoplexy, intracerebral drain and subarachnoid discharge, typically happen as a component of a thrombotic state prompted by viral connection to ACE2 receptors in endothelium causing broad endotheliitis, coagulopathy, blood vessel and venous apoplexy [3].

Trademark cytokine storm induces extreme metabolic changes and numerous organ failure. Significant coagulopathies may show with ischemic or hemorrhagic stroke. Seldom, SARS-CoV-2 infection encephalitis or pictures like intense dispersed encephalomyelitis or intense necrotizing encephalopathy have been accounted for. Vague pain in the head may be an experienced neurological indication. Another kind of migraine “individual security gear related cerebral

pain” has been depicted. Complete or incomplete anosmia and ageusia are basic fringe sensory system appearances. As of late, numerous instances of Guillain-Barré disorder in COVID-19 patients have been noticed [4].

Still there are a lot of debates on nervous system manifestation and pathogenesis, the devastating complications in neurological involvement is a major concern for early diagnosis and prompt treatment to save lives.

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