

# Intensification of neurological indications and COVID-19 seriousness in patients with prior neurological issues and COVID-19: An efficient audit

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## **Introduction:**

Patients with persistent infections probably create extreme 2019 Covid sickness (COVID-19). Notwithstanding, little is thought about the impacts of COVID-19 on patients with neurological issues. We led a precise survey to assess the seriousness of COVID-19 and its impact on neurological indications in patients with previous neurological problem and COVID-19.

**Objectives:** We looked through the MEDLINE (PubMed) and medRxiv data sets for reports of patients with both prior neurological issues and COVID-19. Studies detailing information on changes in the indications of previous neurological issues or potentially the seriousness of COVID-19 were incorporated.

**Results:** 26 articles with 2278 patients with prior neurological turmoil and COVID-19 were recognized. Of 232 patients, 74 (31.9 %) showed worsening of previous neurological manifestations of dementia (55/92; 59.5 %), Parkinson's illness (10/17; 58.8 %), epilepsy (1/1; 100 %), and unknown neurological issues (8/106; 7.5 %). Of 2168 patients, 478 (22.0 %) showed serious COVID-19 course. These included patients with cerebrovascular illness (86/445; 19.3 %), dementia (70/316; 22.2 %), Parkinson's sickness (25/214; 11.7 %), various sclerosis (28/71; 39.4 %), spinal line injury (5/7; 71.4 %), epilepsy (10/98; 10.2 %) and undefined neurological issues (254/1011; 25 %).

**Conclusions:** Patients with previous neurological issues and COVID-19 may foster fuel of neurological manifestations and serious COVID-19. Clinicians ought to know about the danger of indication compounding and serious COVID-19 in patients with previous neurological illness and should zero in on the avoidance and early consideration of COVID-19.