

脳卒中による入院に対する COVID-19 流行の影響

QIP 参加病院の DPC データを用いて日本における COVID-19 流行の脳卒中（脳梗塞、TIA、脳出血、SAH）の入院への影響を検討した。2020 年の 4-5 月は前年度と比較して全てのタイプの脳卒中の入院患者が減少していた (ischemic stroke: -13.9%; TIA: -21.4%; hemorrhagic stroke: -9.9%; SAH: -15.2%)。流行時期の前後で、脳梗塞、TIA の入院数（特に mRS が 0 の軽症例）が有意に減少していた。

Using DPC data from QIP (the Quality Indicator/Improvement Project) participating hospitals, we examined the impact of the COVID-19 epidemic on hospital admissions for stroke (ischemic stroke, transient ischemic attack, hemorrhagic stroke and subarachnoid hemorrhage) in Japan. The number of cases for all types of stroke decreased (ischemic stroke: -13.9%; TIA: -21.4%; hemorrhagic stroke: -9.9%; SAH: -15.2%) in April and May 2020, compared to the number of cases in 2019. The number of hospitalizations for Ischemic stroke and TIA, especially mild cases (modified Rankin Scale = 0), decreased, with a statistically significant change in trend between the before- and after-epidemic periods.

論文 (preprint)

Hiroyuki Nagano, Daisuke Takada, Jung-ho Shin, Tetsuji Morishita, Susumu Kunisawa, Yuichi Imanaka. The decrease in hospitalizations for transient ischemic attack and ischemic stroke, especially in mild cases, during the COVID-19 epidemic in Japan. medRxiv 2020.11.17.20233692. doi: [10.1101/2020.11.17.20233692](https://doi.org/10.1101/2020.11.17.20233692).