

ABSTRAK

Manajemen Klien Stroke Pada Saat Pandemi COVID-19: *Literature Review*

Pendahuluan: Stroke termasuk kondisi darurat medis yang peka terhadap waktu. Manajemen stroke yang diberikan dengan tepat dan cepat selama pandemi COVID-19 masih dibutuhkan. Sejak pandemi COVID-19, aktivasi kode stroke mengalami penurunan sebanyak 30%. Penurunan ini disebabkan oleh menyebarnya COVID-19 dan adanya instruksi menjaga jarak. Kondisi ini mempengaruhi sistem perawatan kesehatan termasuk manajemen stroke. Tujuan telaah artikel ini untuk mendeskripsikan manajemen klien stroke selama pandemi COVID-19. **Metode:** Penelitian ini menggunakan metode *literature review* dengan pencarian artikel menggunakan empat *database* yang terdiri dari *ProQuest*, *Pubmed*, *ScienceDirect*, dan *Google Scholar*. Artikel diterbitkan pada tahun 2020 – 2021. **Hasil dan Analisis:** Hasil pencarian ditemukan 14 artikel yang sesuai dengan kriteria inklusi. Hasil *review* studi menunjukkan bahwa terdapat adaptasi pada jalur stroke selama pandemi COVID-19. Pada tahap skrining terdapat penambahan skrining COVID-19, pengukuran suhu tubuh, dan penggunaan APD, yang selanjutnya dilanjutkan dengan pemeriksaan awal, pemeriksaan CT-Scan dan laboratorium. Pemberian terapi pada klien stroke dengan iskemik diantaranya IVT, EVT, kombinasi IVT dan EVT. Pada pemberian terapi EVT selama pandemi COVID-19 dilakukan sesuai dengan protokol yang telah diadaptasi. Pandemi COVID-19 memberikan dampak pada manajemen post-stroke yakni dikembangkannya *telehealth* sebagai alternatif untuk memenuhi kebutuhan rehabilitasi pasien stroke pasca akut. **Diskusi dan Kesimpulan:** Manajemen pada klien stroke baik skrining, pemberian terapi, dan penanganan post-stroke (rehabilitasi) dalam pelaksanaannya diadaptasi sesuai dengan kondisi pandemi COVID-19.

Kata Kunci: Manajemen Stroke, pandemi COVID-19

ABSTRACT

Management of Stroke Clients During The COVID-19 Pandemic: A Literature Review

Introduction: Stroke is a time-sensitive medical emergency. Stroke management that is given appropriately and quickly during the COVID-19 pandemic is still needed. Since the COVID-19 pandemic, activation of stroke codes has decreased by 30%. This decrease was due to the spread of COVID-19 and social distancing instructions. This condition affects the health care system including stroke management. The purpose of this literature review is to describe the management of stroke clients during the COVID-19 pandemic. **Methods:** This study uses literature review method by searching for articles using four databases consisting of ProQuest, Pubmed, ScienceDirect, and Google Scholar. The articles published in 2020 – 2021. **Results and Analysis:** The search results found 14 articles that matched the inclusion criteria. The results of the review studies show that there is an adaptation in the stroke pathway during the COVID-19 pandemic. At the screening stage, there are additional screenings for COVID-19, measuring body temperature, and the use of PPE, which is then followed by an initial examination, CT-Scan and laboratory examinations. The therapy for stroke clients with ischemic stroke includes IVT, EVT, combination IVT and EVT. The administration of EVT therapy during the COVID-19 pandemic was carried out according to an adapted protocol. The COVID-19 pandemic has had an impact on post-stroke management, namely the development of telehealth as an alternative to meet the rehabilitation needs of post-acute stroke patients. **Discussion and Conclusion:** The management of stroke clients, both screening, providing therapy, and post-stroke management (rehabilitation) in its implementation is adapted according to the conditions of the COVID-19 pandemic.

Keywords: Stroke Management, COVID-19 pandemic