



STROKE IN COVID-19 – CLINICAL CHARACTERISTICS AND MANAGEMENT

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Disclosures



Stocks

None

Drug trials (< 5 years)

- PERFORM
- SOCRATES
- BRAINSGATE
- MACSI
- NAVIGATE ESUS

Advisory boards & speaker fees (< 3 years)

- Boeringher-Ingelheim
- Pfizer/BMS
- Bayer
- Mindmaze
- Daiichi Sankyo
- Ever-NeuroPharma



No lockdown for neurological diseases during COVID19 pandemic infection







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- Twenty-twenty will be remembered as the year that brought new and unprecedented challenges to the healthcare system worldwide due to the Covid-19 pandemic.
- Currently, one third of the world population is living in a coronavirus “lockdown modus” as part of the world’s most massive and restrictive mass quarantine.

Preserving stroke care during the COVID-19 pandemic

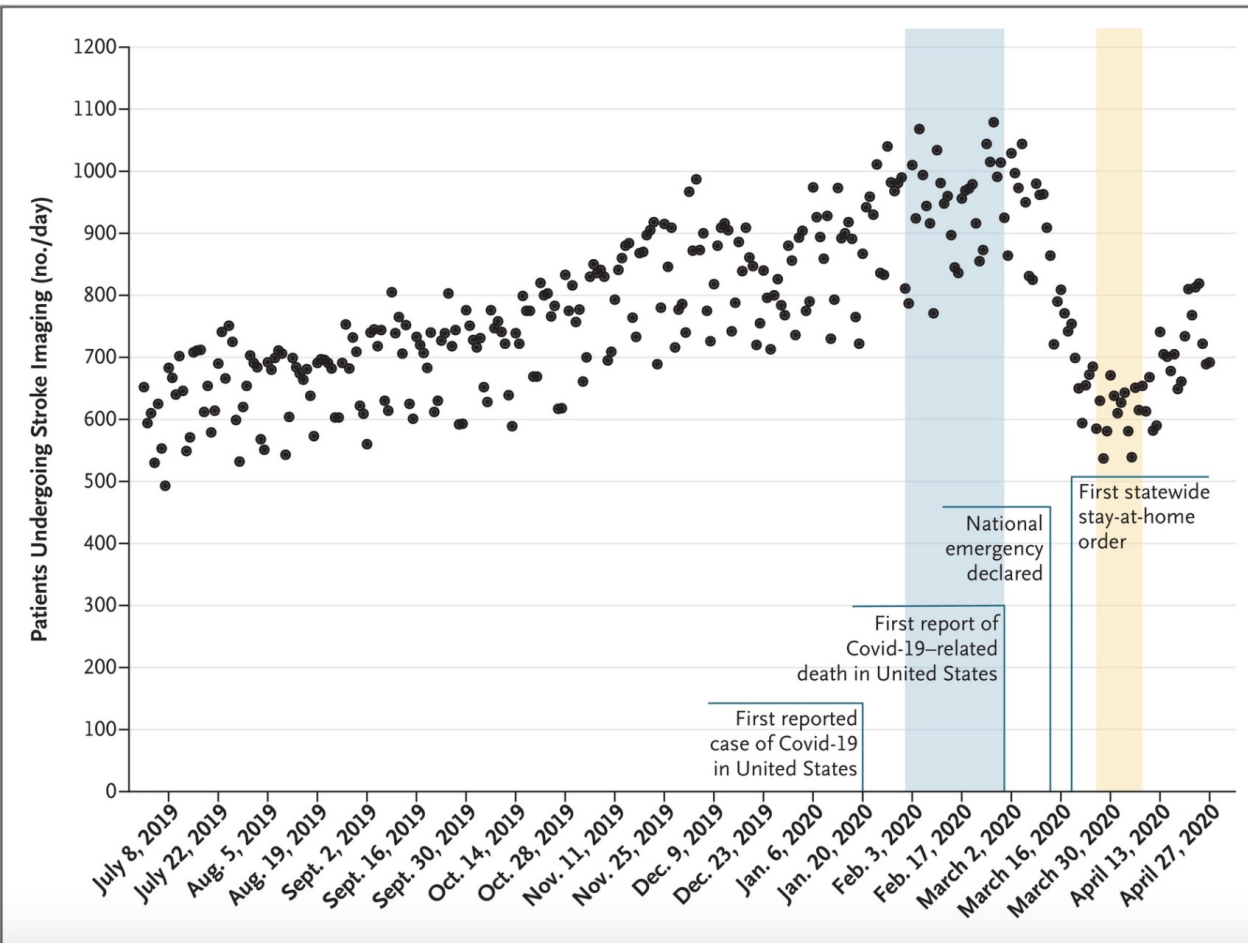
Potential issues and solutions

 Enrique C. Leira, Andrew N. Russman, José Biller,  Devin L. Brown, Cheryl D. Bushnell, Valeria Caso, Angel Chamorro, Claire J. Creutzfeldt, Salvador Cruz-Flores, Mitchell S.V. Elkind, Pierre Fayad, Michael T. Froehler,  Larry B. Goldstein, Nicole R. Gonzales, Brian Kaskie, Pooja Khatri, Sarah Livesay, David S. Liebeskind, Jennifer J. Majersik,  Asma Moheet, Jose G. Romano, Nerses Sanossian, Lauren H. Sansing, Brian Silver, Alexis N. Simpkins, Wade Smith, David L. Tirschwell, David Z. Wang,  Dileep R. Yavagal,  Bradford B. Worrall

First published May 8, 2020, DOI: <https://doi.org/10.1212/WNL.00000000000009713>

- **In Italy, there was a 50-60% reduction in the number of stroke patients arriving at hospitals compared to the same period the prior year, and more patients are arriving too late to be eligible for reperfusion treatment.**
- **A reduction in stroke mimics, and minor strokes or TIAs, suggested that patients with mild symptoms may not seek care, accounted for a perceived shift towards more severe strokes among those presenting to hospital.**

Collateral Effect of Covid-19 on Stroke Evaluation in the United States



May 8, 2020

DOI: 10.1056/NEJMc2014816

Metrics

Conclusions

- This global emergency has challenged the healthcare system,
- Stroke has not disappeared because of the COVID-19 pandemic.
- Stroke treatment pathways will need to be redesigned for acute treatment, secondary prevention, and rehabilitation through the use of telemedicine,
- Stroke patients should not lose their rights to the access and delivery of care during the COVID-19 pandemics.