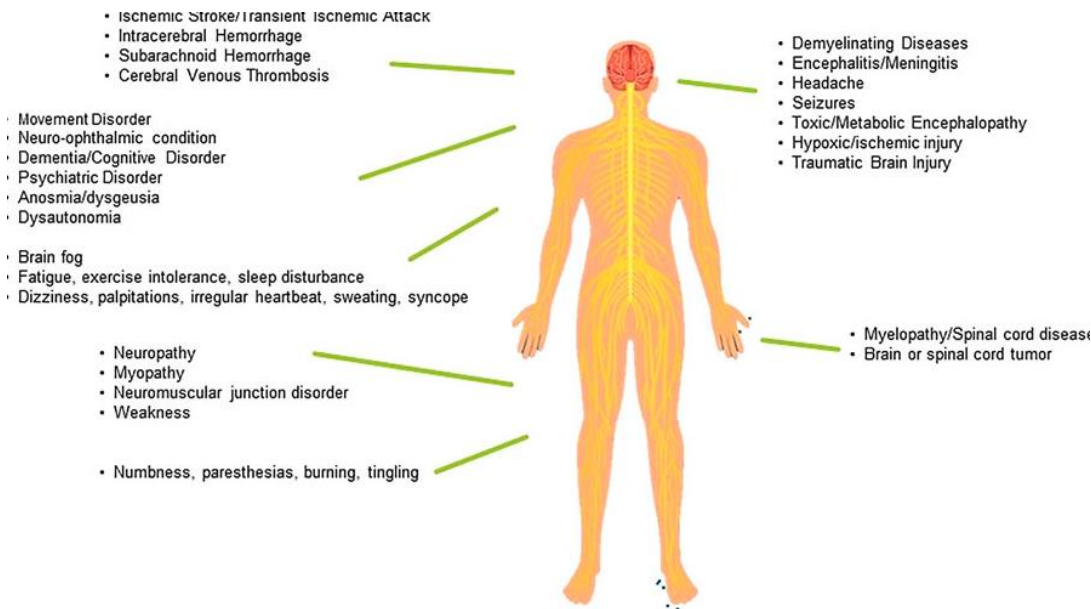


# The National Institutes of Health (NIH) COVID-19 Neuro Databank/Biobank: Creation and Evolution – Hawaii’s Role including data on Native Hawaiians & Pacific Islanders (NHPI)



*Meropol SB, Norris CJ, Frontera JA, Adeagbo A, Troxel AB; COVID-19 Neuro Databank/Biobank Consortium. The National Institutes of Health COVID-19 Neuro Databank/Biobank: Creation and Evolution. Neuroepidemiology. 2024 Jun 26;1-13. doi: 10.1159/000539830. Epub ahead of print. PMID: 38934169.*



Diverse neurological conditions are reported associated with the SARS-CoV-2 virus; neurological symptoms are the most common conditions to persist after the resolution of acute infection, affecting 20% of patients 6 months after acute illness. The COVID-19 Neuro Databank

[https://www.freepik.com/free-vector/human-body-organ-systems-poster\\_9850271.htm#query=the%20human%20body&position=15&from\\_view=search&track=ais&uid=4380bd57-a007-40ff-af6a-ac6e1e4d0676](https://www.freepik.com/free-vector/human-body-organ-systems-poster_9850271.htm#query=the%20human%20body&position=15&from_view=search&track=ais&uid=4380bd57-a007-40ff-af6a-ac6e1e4d0676)

(NeuroCOVID) was created to overcome the limitations of siloed small local cohorts to collect detailed, curated, and harmonized de-identified data from a large diverse cohort of adults with new or worsened neurological conditions associated with COVID-19 illness, as a scientific resource.



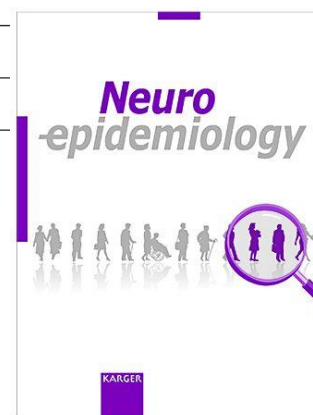
The NeuroCOVID database is a unique and valuable source of comprehensive de-identified data on a wide variety of neurological conditions associated with COVID-19 illness, including a diverse patient population. Initiated early in the pandemic, data collection has been responsive to evolving scientific interests. NeuroCOVID will continue to contribute to scientific efforts to characterize and treat this challenging illness and its consequences.

### Characteristics

	Frequency	Percent
American Indian or Alaskan Native	6	<1%
Asian	35	4%
Black or African American	189	21%
Native Hawaiian or Pacific Islander	5	<1%
White	473	53%
More than 1 Race	8	<1%
Other	79	9%
Unknown	48	5%
Race Not Represented	45	5%
<b>TOTAL</b>	<b>888</b>	<b>100%</b>

### Syndrome taxonomy/classification categories

Neurological category
Demyelinating disease
Encephalitis/meningitis
Headache
Ischemic stroke/TIA
Hemorrhagic stroke (SAH/ICH)
Seizure
Dementia/cognitive disorders
Neuromuscular disorders (neuropathy, myopathy, neuromuscular junction)
Toxic metabolic encephalopathy
Traumatic brain injury
Movement disorder
Spinal cord disorder



Investigator, Kore Liow, MD, Neurologist & Director, [HawaiiNeuroCOVID Clinic](#), Clinical Professor of Medicine (Neurology), Graduate Faculty, Clinical & Translational Research said “ We are so proud of our medical students: Connor Goo, Ward Weldon, D-Dré Wright, Anita Cheung, Brandon Hong, Jonathan Carino, Cierra Nakamura of University of Hawai`i John Burns School of Medicine who played a role in the collection of these data leading to NIH publication and proud to contribute to this important NIH research efforts especially in regards to NHPI populations.” Professor Kore Kai Liow, MD also serves on NIH NINDS Study Sections, Scientific Review Group (SRG).

*NeuroCOVID project has been initiated at New York University Langone Health to create and maintain a national resource documenting and studying neurological complications of COVID-19 and is funded by the NINDS, NIH through the NIH National Center for Advancing Translational Sciences through its Clinical and Translational Science Awards Program NIH, NINDS Grant 3UL1TR002541-01S1.*

More Information: [NIH website](#), [NYU website](#), [Hawaii Neuro COVID Clinic](#), [Hawaii NeuroCOVID ResearchLab](#)