

An Estimated 38 Million Americans Have Developed an Autonomic Nervous System Disorder Following COVID-19 Infection

New research from Stanford University and Stony Brook University identifies moderate to severe dysautonomia in 67% of Long COVID patients.

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EINPresswire.com/ -- The results of the largest study to date on autonomic nervous system dysfunction in Long COVID, led by researchers at Stanford University, Stony Brook University, and Dysautonomia International, is now available. "Our study finds that 67% of individuals with Long COVID are developing dysautonomia. That's an estimated 38 million Americans with

Long COVID dysautonomia, and millions more around the world," says Lauren Stiles, President of Dysautonomia International and Research Assistant Professor of Neurology at Stony Brook University. Dysautonomia is an umbrella term for autonomic nervous system disorders that can cause problems regulating the heart rate and blood pressure, resulting in lightheadedness, tachycardia, palpitations, fainting, debilitating fatigue, cognitive dysfunction, exercise intolerance, headaches, and more.

"Identifying dysautonomia in Long COVID is important because the autonomic nervous system plays a critical role in regulating immune function, inflammation, coagulation pathways, fatigue, exercise intolerance, cognition, and other factors that appear to play a role in Long COVID. Treatments that improve autonomic nervous system function may offer great benefit in treating the debilitating symptoms of Long COVID," explains Dr. Mitchell Miglis, Associate Professor of Neurology & Neurological Sciences at Stanford University.

Prior to COVID, the average diagnostic delay experienced by patients with postural orthostatic tachycardia syndrome (POTS), the most common form of dysautonomia presenting in Long



A new study finds that 67% of Long COVID patients are developing dysautonomia, a debilitating autonomic nerve disorder that causes abnormally low or high blood pressure and many other symptoms.

COVID patients, was nearly five years. Most doctors don't receive adequate training on dysautonomia during medical school, resulting in very few dysautonomia specialists, long diagnostic delays and difficulty accessing care. There are only 52 doctors in the US who are board certified in autonomic disorders and fewer than 50 dysautonomia specialty centers throughout the US equipped to diagnose, treat and study dysautonomia. Those centers are currently overwhelmed with new onset Long COVID dysautonomia patients. Many centers are turning away new and even existing dysautonomia patients because their clinics are over capacity.

"We need the National Institutes of Health to immediately address this crisis and begin funding research aimed at developing effective treatments for Long COVID dysautonomia," says Jacqueline Rutter, a Dysautonomia International Board Member whose family has been impacted by Long COVID. "Additionally, the Center for Disease Control, state and county health agencies, and medical schools need to rapidly train clinicians, especially staff at Long COVID clinics, on how to diagnose and treat post-viral dysautonomias."

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*Lauren Stiles, President of
Dysautonomia International*

Dysautonomia International launched the Long COVID Research Fund (longcovidresearchfund.org) in 2021 to support the effort to uncover the pathology of Long

WHAT IS DYSAUTONOMIA?

Dysautonomia is an umbrella term used to describe damage to or dysfunction of the autonomic nervous system. The autonomic nervous system regulates all of our involuntary bodily functions, like heart rate & blood pressure. Symptoms can be debilitating.

- low blood flow to heart & brain when standing
- lightheadedness
- fainting or feeling like you may faint
- brain fog/cognitive impairment
- headaches
- profound fatigue not resolved by rest
- exercise intolerance
- heart palpitations/tachycardia
- abnormally low or high blood pressure
- feeling shaky/tremulous
- dry eyes or dry mouth
- nausea/gastrointestinal pain
- temperature sensitivity... and more

Learn more at DysautonomiaInternational.org



Dysautonomia can cause symptoms throughout the body.

DYSAUTONOMIA INTERNATIONAL



AWARENESS



ADVOCACY



ADVANCEMENT

Dysautonomia International's 10th Annual Conference, Collaborating for Cures, is being held virtually July 14-17, and will offer over 50 educational lectures from the top dysautonomia and Long COVID experts from Stanford, Harvard, Johns Hopkins, Mayo Clinic and beyond. We encourage patients, caregivers and medical professionals to join us to learn about the cutting-edge research and treatment approaches for Long COVID and dysautonomia. Visit dysautonomiainternational.org/dysconf2022 for more information.

COVID dysautonomia and develop effective treatments. To date, the organization has funded Long COVID dysautonomia related studies at Stanford University, the University of Toledo, and the Karolinska Institute in Sweden, as well as millions of dollars of dysautonomia research unrelated to COVID.

About Dysautonomia International:

Dysautonomia International is a 501(c)(3) nonprofit based in New York with a global reach. Founded in 2012, Dysautonomia International is the leading global patient advocacy organization that seeks to improve the lives of over 70 million people living with autonomic nervous system disorders, collectively known as dysautonomia, through research, clinician education, public awareness and patient empowerment programs.

Study link: <https://www.medrxiv.org/content/10.1101/2022.04.25.22274300v1.full.pdf+html>

Lauren Stiles

Dysautonomia International

+1 631-202-1720

press@dysautonomiainternational.org

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