DYSAUTONOMIA INTERNATIONAL







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December 2022

Hon. Representative Katherine Clark US House of Representatives Washington, DC 20515

Dear Representative Clark:

We are writing to you as your constituents on an important matter.

The National Institute of Health (NIH) received over \$45 billion from Congress this year for medical research. Yet less than \$2 million a year (or 0.004%) is directed toward funding research on a chronic condition called postural orthostatic tachycardia syndrome (POTS) that more than 3 million other Americans suffer from, including many here in Massachusetts.

POTS is one of the most common autonomic nervous system disorders. POTS can cause lightheadedness, fainting, tachycardia, chest pains, shortness of breath, GI upset, shaking, exercise intolerance, temperature sensitivity and more. While POTS predominantly impacts young women who look healthy on the outside, researchers compare the disability seen in POTS to the disability seen in conditions like COPD and congestive heart failure.

For many patients, waking up every morning with an overwhelming combination of symptoms that prevent you going to school or work is commonplace. The simplest of tasks, including getting out of bed and dressing for the day are unachievable, and the quality of life significantly declines. POTS typically takes years to diagnose due to a lack of awareness in the medical community.

As POTS patients, caregivers, and advocates on behalf of people with POTS, we are asking for your help. According to a recent report issued by the leading POTS experts from around the world, including several Harvard experts here in Massachusetts, the scientific community needs \$10 million dedicated for POTS to accelerate diagnosis and potential treatment options for patients. And, despite repeated directives from Congress in the annual appropriations bills, the NIH has yet to increase funding for POTS. Therefore, I request that you include the following funding and language in the end of year funding bill currently being negotiated.

Postural Orthostatic Tachycardia Syndrome [POTS] – POTS is one of the most common forms of dysautonomia, estimated to impact 1 to 3 million Americans prior to the COVID-19 pandemic. Recent research suggests that 67% of individuals – an estimated 38 million Americans – experiencing post-acute sequelae of SARS-COV-2 [PASC] are developing moderate to severe dysautonomia, most commonly presenting as POTS. Due to the sudden increase in the patient population affected by this debilitating disorder, Congress includes an increase of \$10,000,000 for NIH to support new research on POTS, to address the gaps in current knowledge identified during the NIH's July 2019 workshop, Postural Orthostatic Tachycardia Syndrome (POTS): State of the Science, Clinical Care, and Research. We strongly encourage the NIH to establish a multi-institute Notice of Special Interest to spur additional needed research addressing the identified gaps in knowledge.

Thank you for your time and consideration.

Sincerely,

Dear Representative Clark, We met at the Malden Thanksgiving Project at the YMCA this year by the United Way. I suffer from dysautonomia and more research into POTS and other autonomic disorders would greatly help my outlook in life. As there is little funding and research into POTS, it is extremely frustrating that there are very few answers and solutions to treating POTS. I am constantly facing an uphill battle and since it's an invisible illness, many people do not understand what I am going through. Your support to the POTS community with more funding would be exceptionally beneficial for all POTS sufferers. It would truly be a game-changer. Thank you so much for your time and consideration. I greatly appreciate it!

Bruno Artacho 88 Bay Dr

Sudbury MA 01776-1957

As a husband of a POTS patient, I know how badly POTS research is needed. The majority of doctors don't know how to explain my wife's health issues and the ones that understand the diagnosis don't have the tools for treatment. It's taken 4 plus years of her researching and experimenting on her own to learn how to combat the illness to feel like she is finally in a place where there is a little bit of hope. My hope for others is they don't have to experience the same disbelief, the fear of not knowing what's wrong, and do not have to struggle for years for answers. I hope for a healthcare system that is able to treat patients effectively.

Netia McCray 8 Crestview Drive Malden MA 2148

As someone who has experienced newly onset POTS after her COVID infection in March 2020, I have been unable to be the STEM educator that I once was nor the community member I was. Unfortunately, I am not alone and I realize the impact of on our community when we need each other the most. I've spent over 6 figures in order to find an explaination for my sudden decrease in quality of life and my new reality. We ask that you consider the number of MA residents, myself included, who suffer from this condition and need support from MGH, Tufts, Beth Israel, and more to diagnose and help treat this condition. We want to return to normal, but it seems normal is no longer an option until we begin to take POTS as a serious medical condition.

Christy Hart 91 Woburn St Lexington MA 02420-2223

Dear Representative Clark, This funding would be important to my family as my young 8 year-old cousin suffers from POTS and it is a devastating condition that affects the whole family, and her ability to function. I hope you will include the funding and the above language in the end of year funding bill. Thank you for your service and consideration.

Deanne Dworski-Riggs 53 Magoun St # 1 Cambridge MA 02140-1616

Dear Representative Clark, We just got reassigned to your district and are looking forward to working with you. Sadly, after getting COVID two years ago I got POTS. It's effected my ability to sit, stand, sleep, eat and spend time with friends and family. I still can only work part time. Like many chronic illnesses that effect mainly women it has been understudied. Many healthcare providers don't even know about POTS nevermind having treatments for everyone. I sincerely hope you support this issue and would welcome the opportunity to discuss it further. Deanne Dworski-Riggs 860-655-1880

Susan Sparks 123 S Shaker Rd

Harvard MA 1451

Diagnosis and treatment is very difficult and expensive. I have had to go outside of doctors who take insurance to make any progress. Still searching for that elusive approach that will work.

Carrie Richards 244 Park St Apt A20

North Attleboro MA 02760-1262

I am a Healthcare worker, Radiologic Technologist, who contracted COVID from a patient at the Boston hospital where I worked in March of 2020. I have since been diagnosed with POTS & other health issues due to Long COVID. I was healthy prior to contracting COVID. Having been diagnosed with POTS and other conditions, it is not easy to work as I did prior. I was fired from the hospital where I contracted COVID the first time. This was due to my previous employer's unwillingness to understand and accommodate me due to my Acute COVID illness and the issues I faced after developing Long COVID. I can't express how unfair this has been. We need help and funding to get back our health. Our world's have been turned upside down in every way imaginable. Researching POTS and it's connection to Long COVID is essential. This is currently effecting millions suffering around the world & the economy.

Carina Wallack

127 Putnam St

Watertown MA 02472-1981

I am a POTS patient and I live in Watertown. I've experienced POTS symptoms for as long as I can remember due to a genetic disorder called Ehlers Danlos Syndrome (EDS). I wasn't diagnosed with POTS until I was 26 years old. POTS symptoms including dizziness, nausea, fatigue, and migraines impact my life everyday. We need more specialists, more research, more treatment options, and earlier diagnosis for all patients. Thank you for support of this crucial issue that impacts my life every day.

Tiffany Anderson 37 Lyman Ave

Medford MA 02155-4316

I am a resident of Medford and have suffered from POTS for six years. I am disabled due to POTS and comorbid conditions. Please support this much needed funding for research, especially as Long Covid has unfortunately resulted in many more people suffering like me. We desperately need our lives back!

Vivek Mukhatyar 109 Pine St

Woburn MA 01801-3373

I am the husband of someone who suffers from dysautonomia and the POTS. Research will be extremely valuable to improve the lives of so many people who suffer from this extremely debilitating condition. This is a small contribution can have a big impact.

Robyn King 93 Northridge Rd Ipswich MA 01938-1456

I keep hearing of more people, especially young women, being affected by this disabling condition. Please increase the funding for POTS research.

Jim Coady 14 Bradford Rd Natick MA 01760-1238

I urge you to support and help patients by funding further research and physician education.

Amy Piselli

41 Silver lane

Holliston MA 1746

I was diagnosed with POTS in 2008 and was treated horribly by medical staff who weren't familiar with the disorder and who didn't believe me. I was debilitated for 2-3 years and unable to work or care for my children. My 2 nieces currently have POTS post-COVID infection and are not able to continue their college education full time. Please fight for more funding to help everyone who is currently suffering. Thank you.

Rebecca Freed

53 4th St

Medford MA 02155-5001

I've been disabled by POTS for 20 years. I really need treatments developed so that I can go back to work and contribute to society!

Dr. Megan McCoy

Concord MA 1742

It is imperative we find answers to this disorder that is taking so many people out of the work force and to train doctors to recognize and treat. We need multi-disciplinarian centers for patients to receive appropriate care. This work will not only help patients with Long Covid but others with post viral chronic illnesses that have gone untreated and unrecognized even before Covid hit so many. I urge you to support and help patients by further research and physician education.

Stephanie East

Gloucester MA 1930

It took 5 years to finally be diagnosed due to the fact it is not known or even understood in the medical community. During that time period were many scary ER visits, doctor,Äôs appointments, and second opinions. I believe more funding is desperately needed to support the research and also more education is definitely needed for this invisible disease. Thank you

Jacqueline Rutter

47 Northridge Rd

Ipswich MA 01938-1454

Millions of Americans, mostly young women like my daughter, have had their lives derailed by POTS. Many patients are unable to attend school or work, and struggle with basic activities-of-daily-living. POTS is a poorly-understood, disabling, complex chronic illness with no FDA-approved treatments. Please support this funding request so this largely-neglected patient population will have hope for a brighter future. My family and many others here in Massachusetts would be very grateful.

Sarah Hamilton

Florence MA 1062

My life was radically changed when I developed POTS after a COVID infection nearly three years ago. Please help us to learn more about this problem so that I and many like me might return more fully to our lives.

Meghan Pauly 50 Hinckley Rd

Milton MA 02186-1634

My name is Meghan. I am an undergraduate student studying neuroscience and aspiring to go to medical school to become a pediatrician. While working as an EMT during the pandemic, I contracted Covid and was subsequently diagnosed with POTS. Everyday is a struggle dealing with my symptoms and fainting episodes. Constantly trying new combinations of medications and lifestyle changes is not an efficient or healthy way to manage a chronic illness. Please consider increasing funding for POTS research to find ways for millions of young women like me to manage this chronic condition so we can lead lives full of empathy, learning, and achievement.

Steve Sloan

178 Goden St.

Belmont MA 2478

My wife suffers from both dysautonomia and a related connective tissue disorder known as hypermobile Ehlers-Danlos Syndrome, which is also neglected and needs research funding.

Elisabeth Keller

16 Prentiss St

Cambridge MA 02140-2212

Our daughter was diagnosed at MGH with POTS 3 years ago. Her life was derailed. The medical system is not equipped to receive and support the growing number of patients with this disorder. Your support for increased funding is greatly needed.

Elizabeth Raycroft 32 Appomattox Rd Ipswich MA 01938-2844 Please fund POTS research!

Ariel Macey

15 Powers Rd

Mendon MA 01756-1045

Please help so many that are suffering and disabled. We need more funding to research how to serve this community better! Your advocacy is paramount. Thank you.

William Simon

84 Line St Apt 2

Somerville MA 02143-4484

Please please please support more spending on research into POTS.

Annie Peters

396 S Main St

Brookline MA 2445

Please support additional POTS funding. We want to work and live our lives. Thanks.

Heather Finlay-Morreale, MD

64 Gates Rd

Shrewsbury MA 01545-2329

Please support more funding for POTS research. PreCOVID It was already a major problem disabling many, myself included. Now with so many LongCOVID cases involving POTS it is an issue affecting work force size and mass-scale disability. It is still a little understood disease and even with today's best treatments, which aren't much, many remain unable to function. More funding could accelerate better treatments.

Krista Ripley

Melrose MA 2176

Please support POTS research so no one else has go 8+ years without a proper diagnosis and treatment. There are so many others like me on this petition and around the country.

Leah Spada 124 Linden St Attleboro MA 02703-4828 Please support this in support of my amazing sister!!

Andrew Gully 47 Northridge Rd Ipswich MA 01938-1454

POTS disproportionally impacts women. In fact, 90 percent of the patients nationwide are females, with symptoms starting in middle and high school years, college and beyond. Studies now show Long COVID is dramatically growing this population, which historically has had a difficult time being taken seriously because POTS is not well understood and women's health concerns are often dismissed. Massachusetts, with its excellent colleges and universities, has a large and envious population of promising young women. POTS, however, is robbing a large number of them of their expected futures as engaged, energetic and productive residents. I know what that means. My daughter has had POTS for 15 years. The quality of her life has eroded to the point she has been unable to work for three years. The only hope for her, and little girls coming behind her, is research into the causes and possible treatments for POTS. Please support this request.

Susan Gordon-Schiowitz 25 Hereford Rd

Marblehead MA 01945-1814

Thank you for your support on this issue. I was diagnosed with POTS after having COVID at the start of the Pamdemic. As a clinical social worker, I have had the opportunity to providing support and counseling to people and families living with the impact of chronic illnesses throughout my career since the 1990s. Since my own parent has had dysautonomia for over 30 yrs (only recently diagnosed), I understand both personally and professionally what it means to live in this situation, not getting answers, and watching someone suffer. Now, becoming a patient myself has really opened my eyes even more to the grueling and lonely nature of having a chronic, and so far, incurable condition which has drastically interfered with quality of life for myself and my household. I'd be happy to share my story with you. Thank you for your help!

Kevin Convey 643 Ash St

Brockton MA 02301-5754

The daughter of one of my best friends is beset by this condition -- and it is heartbreaking. Please do what you can to help her and millions of others who suffer.

Jojo Emerson 6E Gregory Island Rd

South Hamilton MA 01982-2620

We hope your advocacy for an increase of research funding for POTS can help the patients, families, and caregivers in your constituency find a cure!

Jake M. Clare McNamara Shivangi Mehta Boston MA 02114 62 Marlboro Rd More money for POTS! Woburn MA 01801-3440 16 Blueberry Hill Ln Melrose MA 02176-6400 Stephen & Deb Rutter Lillian Mela 33 Summer St 10 Cherry St Kelly Lynn Andover MA 01810-3626 Lexington MA 02421-4121 133 Seaport Blvd Boston MA 02210-2659 Kathleen Kiley Diana Agori 20 Fuller St Apt 2 Cambridge MA 02138 Ann Carlson Gloucester MA 01930-3912 5 Tiger Row Erin Rowland Georgetown MA 01833-1247 Lindsay Spada 178 Goden St Belmont MA 02478-2951 7 Livermore St Elizabeth Doherty Worcester MA 01606-1154 130 Cambridgepark Dr Unit 433 Katie Pellecchia Cambridge MA 02140-2567 Susan Russell 87 Homer St East Boston MA 02128-1531 24 High St Joyce Gully Ipswich MA 01938-1946 23 Navasota Ave Alyssa Boffoli Worcester MA 01602-1116 Jessica Horwitz 6 Hadley Pl Apt 1 Medford MA 02155-3931 Geraldine Costello 7 Henry St Winchester MA 01890-3608 6 Sawyer St Christina Christoforo Wareham MA 02571-2004 Mitesh Mehta 78 Clark Rd 16 Blueberry Hill Ln Ipswich MA 01938-2811 James Bush Melrose MA 02176-6400 **Cottage Street** Luke Hanley Hingham MA 02043 12 Braemore Rd George Diep Medford MA 02155-6579 53 Magoun St Mary Beth Emerson Cambridge MA 02140-1616 305 Mayflower St Brian Mitterko Duxbury MA 02332-4306 Jessica Smolow 7 Livermore St Worcester MA 01606-1154 Lisa Parker 55 Milton St 6104 Thompson Farm Arlington MA 02474-8705 Bedford MA 01730-1497 Dan Bryant **Annie Bonsey** 2 Birchmeadow Rd 16 Prentiss St Amesbury MA 01913-5503 Mark Weiner Cambridge MA 02140-2212 3 Carriage Dr Jacklyn Rouse Lexington MA 02420-1120 18 P Tree Ln **Emily Conrad** Kingston MA 02364-1882 127 Putnam St Laura Mandelberg Watertown MA 02472-1981 46 Teel St # 1 Anastasia Vekiarides Arlington MA 02474-5536 Catherine Cuddy 463 Weld Street 34 Little Tree Ln MA 02132 Jay Feinstein Framingham MA 01701-4774 127 Nichols Ave Frank Rose Watertown MA 02472-4129

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Julia Goldberg Joshua Driesman Michele Champion 127 Nichols Ave 8 Saint Paul St 46 Northridge Rd Watertown MA 02472-4129 Ipswich MA 01938-1439 Cambridge MA 02139 Jonelle Lonergan Tishi Shah Kathleen Convey 37 Curve Rd 15 Blueberry Hill Ln 643 Ash St Melrose MA 02176-6400 Stoneham MA 02180-3904 Brockton MA 02301-5754 Stanley Selkow Wendy Giunta Jeffrey Kerner 27 Catherine Rose Rd 7 Westover Dr 36 Tobey Rd Harwich MA 02645-1043 Belmont MA 02478-4259 Lynnfield MA 01940-1834 Marian Silk Ben Dorn Christine Adams 55 Florence Rd 53 4th St 78 Outlook Dr Lowell MA 01851-3501 Medford MA 02155-5001 Lexington MA 02421-6927 Karen Lekstrom Lisa Tanzer Terrence Costello 25 Northern Ave 42 Lowell St 80 Ripley Ave Malden MA 02148-7752 Boston MA 02210-1815 Marlborough MA 01752-1967 Leah Williams Christine Doherty Sophie Gordon 13 Purchase St 30 Mount Pleasant St. 61 Prince St Newburyport MA 01950-3041 Cambridge MA 2140 Brookline MA 02445-7836 Scott Pettingell Tina Ripley Andrea Young 12 Dotty Ann Dr Melrose MA 02176 87 Foundry Rd Framingham MA 01701-7600 Sharon MA 02067-2879 Martha Woodward Sarah Jagdmann 5 Hitchin Post Rd Ryan Keenan Chelmsford MA 01824-1919 540 Revere Beach Blvd Unit 530 47 Northridge Rd Revere MA 02151 Ipswich MA 01938-1454 Stephanie Bryant 2 Birchmeadow Rd Jared Ahern Jacquelyn Booth 11 Snake Brook Rd Amesbury MA 01913-5503 Stoneham MA 02180 Wayland MA 01778-5013 Liz Duffy Leslie Brunetta Audrey and Neil OConnor 17 Viking Ln 29 Roberts Rd 26 Stillman St Apt 6-4 Sandwich MA 02563-2664 Cambridge MA 02138-3226 Boston MA 02113-1695 Dylan Gully Mary Artacho 6E Gregory Island Rd Brian Flood 88 Bay Dr

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