



Dysautonomia International
Conference & Lobby Day
July 17-20, 2015 • Washington, DC

Stories of Hope and Recovery



My Journey from
POTS patient to scientist
by Amanda Ross

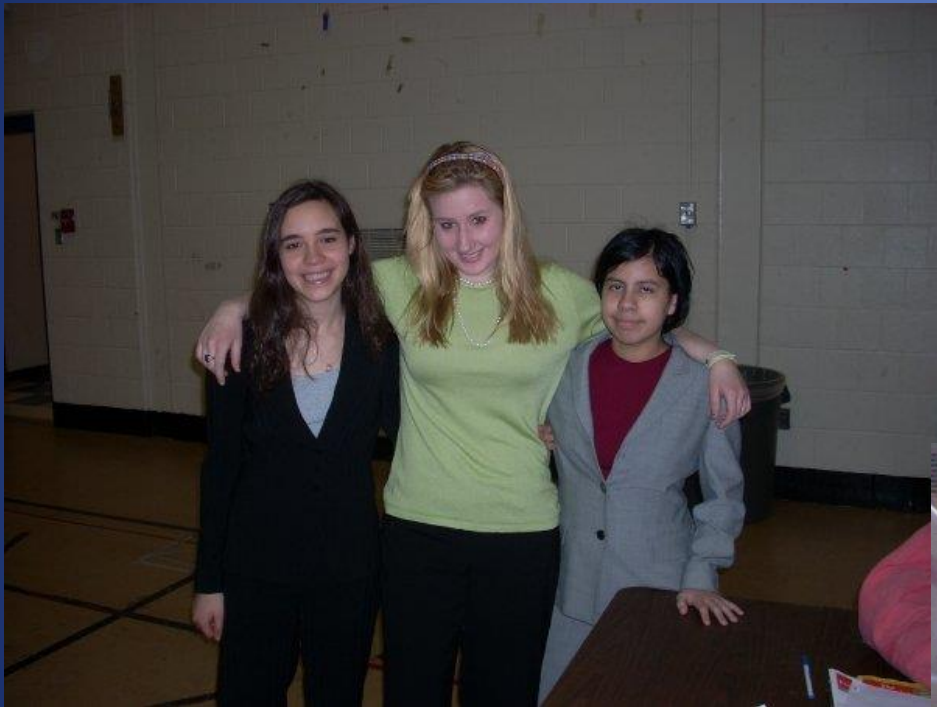
Frequent Questions

- How did you develop POTS?
- How did you get better?
- How did you get through school?
- Are you really cured?

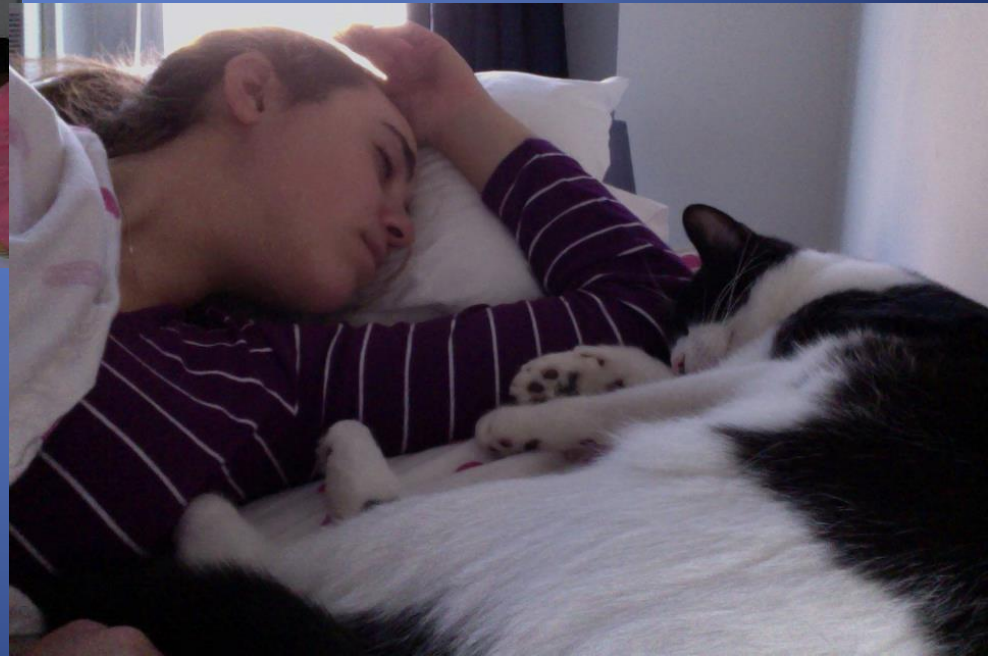
Beginning of EDS Symptoms



I woke up one morning with a stomach ache that never went away



2 years 7 months
until diagnosed with POTS



Things doctors said to me before I was diagnosed with POTS

“You’re too young to be that sick.”

“You’re pretending to be nauseous because you don’t want to eat.”

“You’re upset because your boyfriend broke up with you.”

“You’re nervous about going away to college.”

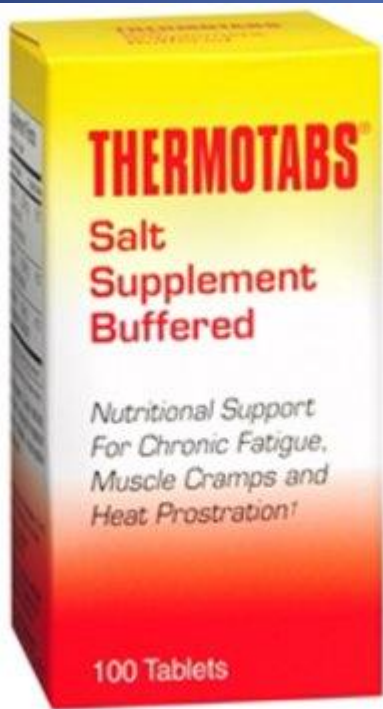
“You’re not sick enough to have POTS.”

Alternative diagnoses

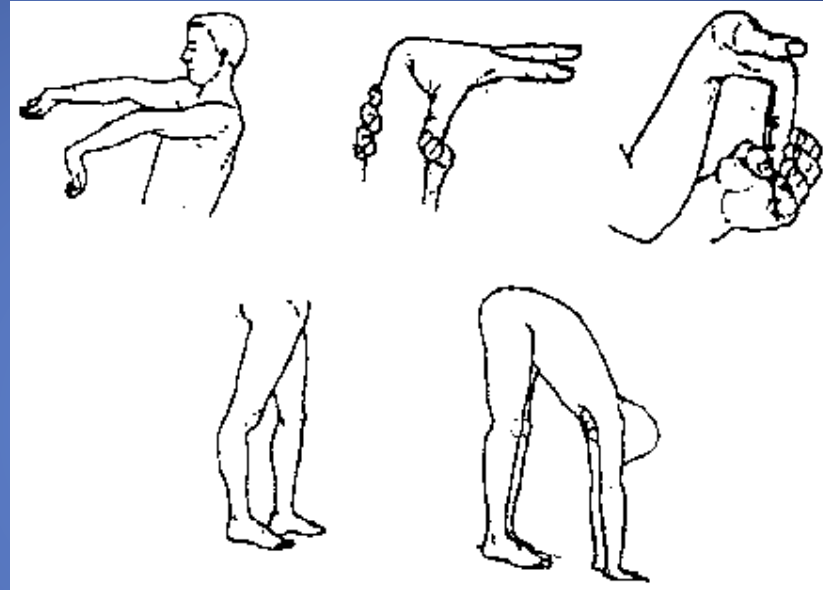
- Nothing is wrong with you
- Anorexia
- Chronic daily headaches
- Bruxism (cause of headaches)
- Functional dyspepsia
- GERD
- IBS
- SIBO
- Candida infection
- fibromyalgia



How I was diagnosed with POTS, EDS, and Chiari



How I was diagnosed with POTS, EDS, and Chiari



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-3.38 mm

How did I get better and get through school?

I **coped** with the current situation while working on **improving my symptoms** and **helping others**.

- 1) Cope
- 2) Improve
- 3) Help

“Life is like riding a bicycle. To keep your balance, you must keep moving.” - Albert Einstein



Part 1. Coping with the situation



My POTS/EDS survival plan

- Adjust diet
(more water + salt, dairy free)
- Dress in layers
- Scooter / shuttle to class
- Accommodations for school
(access to water, snacks, meds, bathroom during tests; extensions on assignments; lighter course load)
- Distractions/hobbies (pets, knitting, coloring, writing poetry)
- Take meds
- Manual PT for joint pain with a physical therapist experienced with EDS
- Tape for shoulder and avoid overextending joints



Part 2. Working Towards Improvement



Liboderm
30 PATCHES
500 mg/25 g
R-Only
LIDOCAINE
Eucerin Patch 5%
KOC-KAR-45-45-50-50

THORNTON'S IRON PILLS
IRON PILLS
IRON SUPPLEMENT
60 TABLETS

ACID REDUCER
ACID REDUCER
ANTACID
100 TABLETS

Supplemental
Supplemental
Supplement
100 TABLETS

cal
ate + D₃
MINIMUM
SUPPORT DOSE
Supplement
100 TABLETS

THERMOTABS
Salt
Supplements
Buffered
Cell Tablets

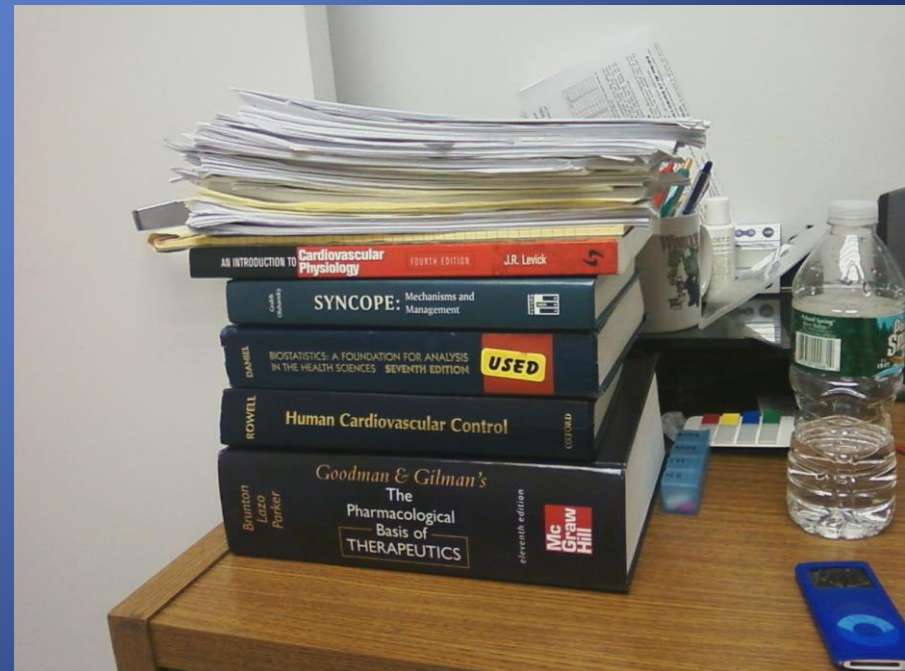
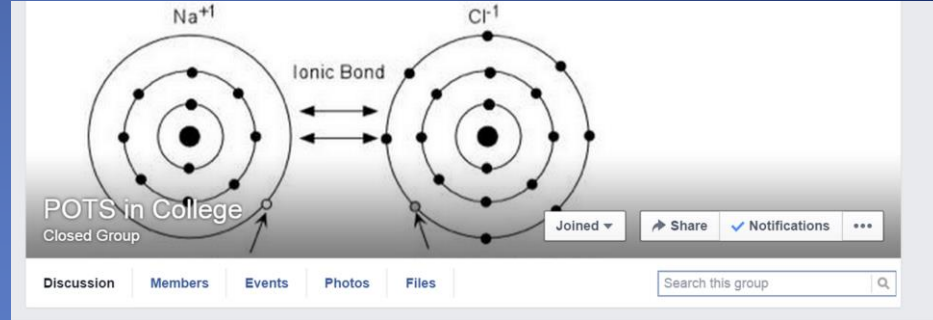
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Medication schedule chart with columns for days and times (e.g., 8 AM, 12 PM, 4 PM, 8 PM).

Part 3. Help Others



What helped most?

1. **TIME!!!**
2. Diet (dairy free + more salt)
3. Medications
4. Gradually increasing cardio exercise
(help from experienced PT)
5. Coping mechanisms
6. Motivation to push through the symptoms until they resolved

Am I cured?

Old statements

“I am 90% better.”

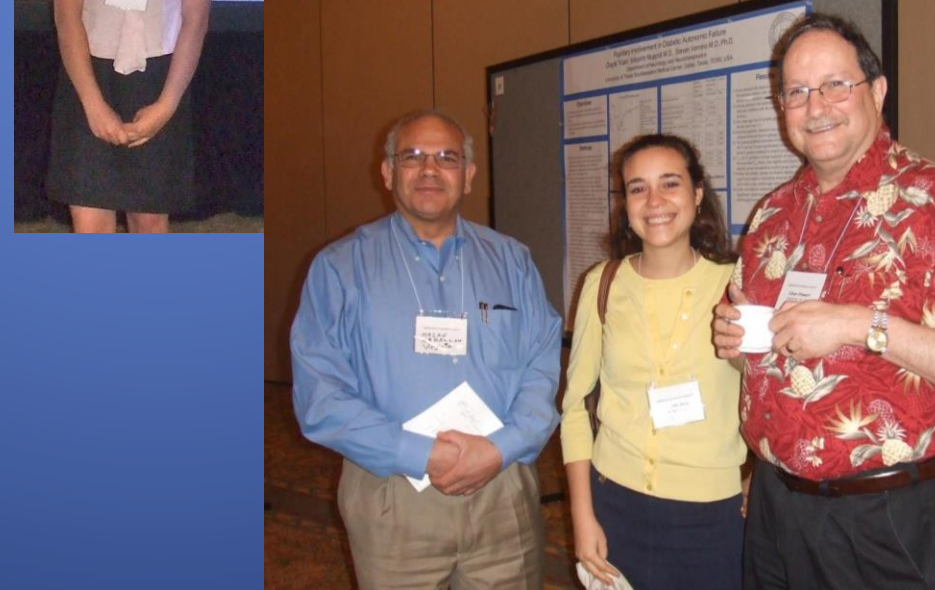
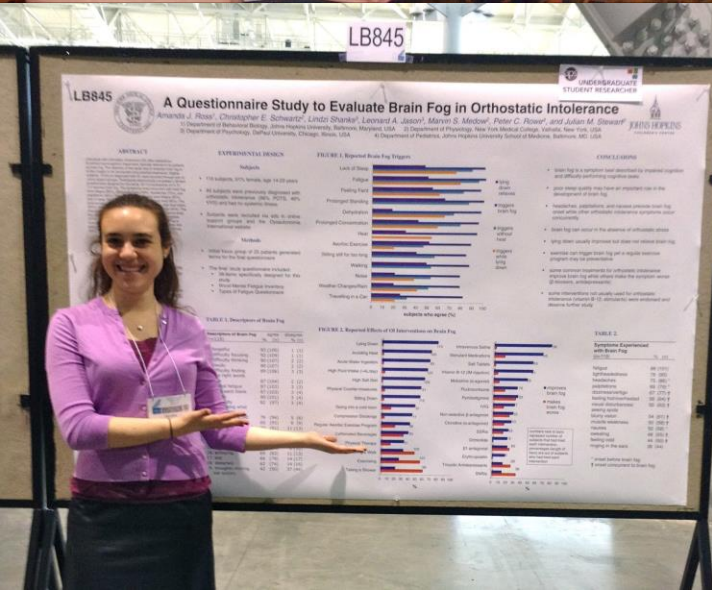
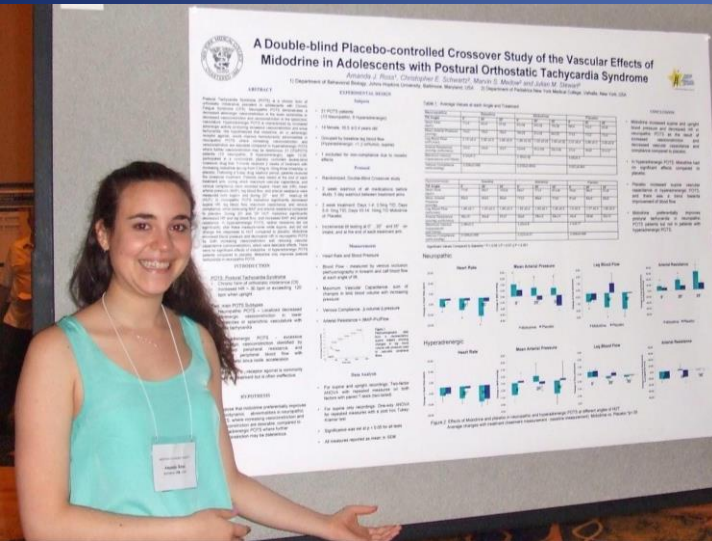
“I still have some days when I feel dizzy.”

New Attitude

“I may not feel 100% healthy but POTS doesn't stop me from doing what I want to do.”

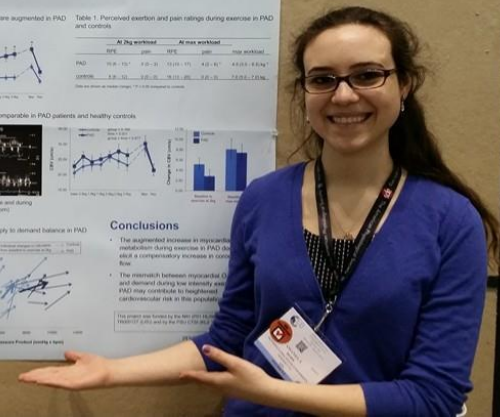
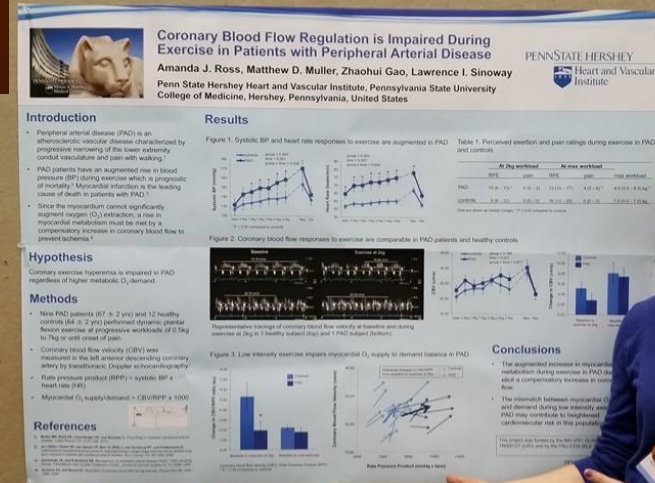
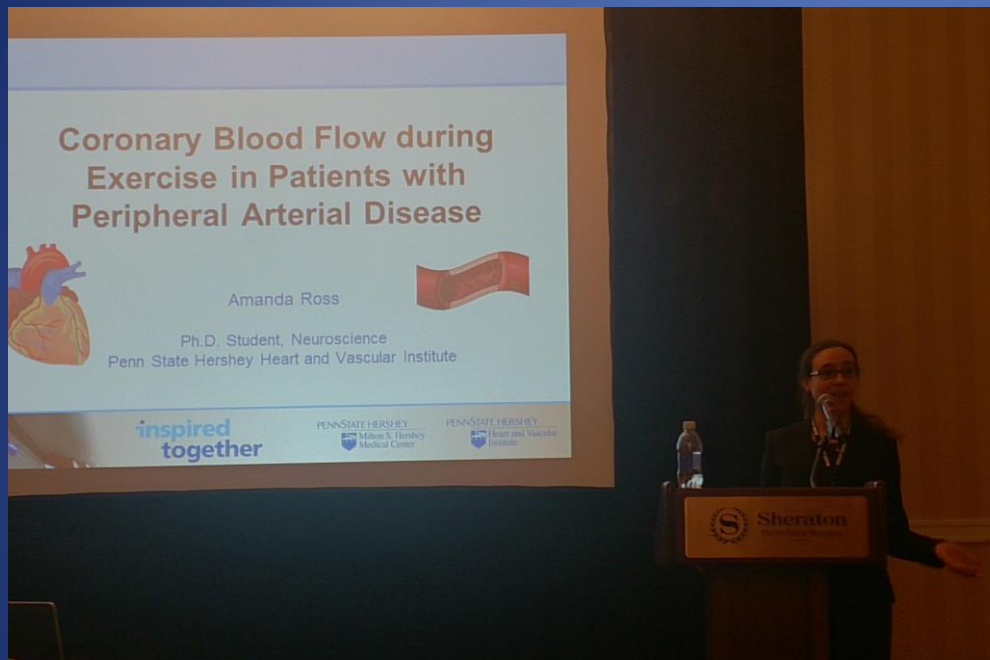
“My life is better now than it is ever was before I had POTS!”

Having POTS ignited my passion for biomedical research



<input type="checkbox"/>	What is brain fog? An evaluation of the symptom in postural tachycardia syndrome AJ Ross, MS Medow, PC Rowe, JM Stewart Clinical Autonomic Research 23 (6), 305-311	13	2013
<input type="checkbox"/>	Sex differences in forearm vasoconstrictor response to voluntary apnea HM Patel, MJ Heffernan, AJ Ross, MD Muller American Journal of Physiology-Heart and Circulatory Physiology 306 (3 ...	7	2014
<input type="checkbox"/>	A double-blind placebo-controlled cross-over study of the vascular effects of midodrine in neuropathic compared with hyperadrenergic postural tachycardia syndrome AJ Ross, AJ Ocon, MS Medow, JM Stewart Clinical Science 126 (4), 289-296	6	2014
<input type="checkbox"/>	Sleep efficiency and nocturnal hemodynamic dipping in young, normotensive adults AJ Ross, H Yang, RA Larson, JR Carter American Journal of Physiology-Regulatory, Integrative and Comparative ...	2	2014
<input type="checkbox"/>	Inhibition of cyclooxygenase attenuates the blood pressure response to plantar flexion exercise in peripheral arterial disease MD Muller, RC Drew, AJ Ross, CA Blaha, AE Cauffman, MP Kaufman, ... American Journal of Physiology-Heart and Circulatory Physiology, ajpheart ...		2015
<input type="checkbox"/>	Prospects for Droxidopa in Neurogenic Orthostatic Hypotension AJ Ross, JM Stewart Hypertension 65 (1), 34-35		2015
<input type="checkbox"/>	Implications of the rapid onset exercise pressor reflex in hypertension AJ Ross, MD Muller Journal of human hypertension		2014
<input type="checkbox"/>	β-Adrenergic receptor blockade impairs coronary exercise hyperemia in young men but not older men AJ Ross, Z Gao, JP Pollock, UA Leuenberger, LI Sinoway, MD Muller American Journal of Physiology-Heart and Circulatory Physiology 307 (10 ...		2014

Having POTS gave me compassion and drive to help patients with chronic illness



Current Medications



A full recovery from POTS/EDS/Chiari is possible!

