

www.react19.org

Provider Education 2024

Negative Reaction Positive Action



Research, Education, Action, with Covid-19, Therapeutics

REACT¹⁹





Who We Are

By the Injured, for the Injured.



100% Volunteer

**36,000+ Covid Vaccine Injured
and Bereaved Americans**

**International Coalition with 18
Vaccine Injury Organizations**

**Research Partnerships with Yale,
University of Maryland, University
of Marburg Germany**

Legal Partnerships.



Grassroots Advocacy

Provider network with over
250 trusted healthcare and
mental health providers.

Registered Nurse advocates
to help connect patients to:

- Medical Providers
- Community Support
- Legal Resources



Research

Patient-led research, partner with researchers to spur research that will help the patient community.

Education

Collaborate with providers and patient advocacy organizations to empower the patient through education.

Action

Awareness campaigns, advocacy program, independent medical grant program, legal action that impacts the injured community, and advocacy in Washington DC for compensation reform.

Covid-19

The only Covid-19 vaccine injury advocacy org in the United States partnering globally with vaccine injury and long Covid advocacy orgs.

Therapeutics

Gain understanding on effective therapies to restore the health of complex chronic illness patients impacted by the Covid era.

REACT¹⁹



Financial Support

US Govt. Vs. React19 CareFund



Hope For Humanity

United States Federal Government



Tax-payer funded, HHS controlled.
12,000 applications, 97% rejection rate.
\$40,000 awarded to 10 people.

REACT19 CareFund



Independent donor funded, 100% donations to
CareFund go to Covid vaccine-injured for
uncovered medical expenses.
\$750,000 awarded to 107 people.





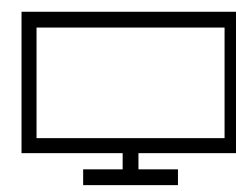
ReAction

Lawsuits, Lawmakers, & Compensation Reform



“It is not what a lawyer tells me I may do; but what humanity, reason, and justice tell me I ought to do.”

- Edmund Burke



PREP Act Federal Lawsuits

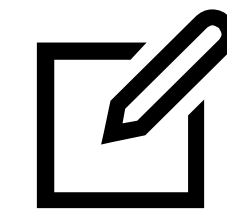
Smith, REACT19 v HRSA

Wallskog v HRSA

ICAN (*Informed Consent
Action Network*)

Challenge the CICI and the
PREP Act as unconstitutional.

5th & 7th Amendments



Censorship Federal Lawsuits

Dressen v Flaherty

Missouri v Biden Amicus

NCLA (*New Civil Liberties
Alliance*)

React19 members sue Biden,
White House, HHS, Stanford
over social media censorship.

1st Amendment



Workers Comp

S.S. Disability

Employer
Discrimination -
Mandates and
Disability

React19 membership
individual cases. Expert
testimony needed.

ReAction

The Vaccine Injured Go to Washington D.C.



“A good lawyer knows the law; a clever one takes the judge to lunch.”

- Mark Twain

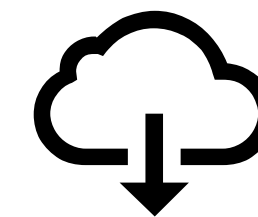


First-Ever Vaccine Injury Lobbyist

Kyle Warner, professional mountain bike champion, Covid vaccine injured.

Washington DC - Spring 2024

\$15,000 to cover expenses.



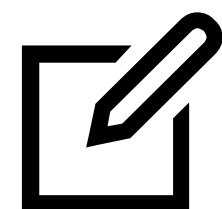
Compensation Reform

Contest PREP Act Immunity

End Censorship

Fund Vaccine Injury Research

Fuel Investigations



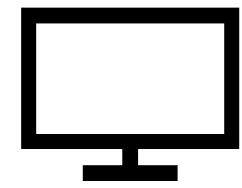
Calm, Collected, and Credible Representation in Washington, DC





Provider Education

React Research



Published Studies

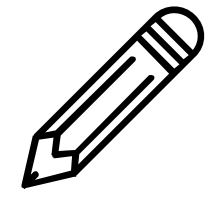
3,600 Case Reports and Publications on Covid Vaccine Injury, managed in partnership with **TrialSite**. www.react19org/science



Independent Research

- Research Partnerships
- Patient-Led Research
- VAERS Information and Data Analysis
- Research Grant Program – 3 Grants





Patient-Led Surveys

508-1000+ Survey Participants Each

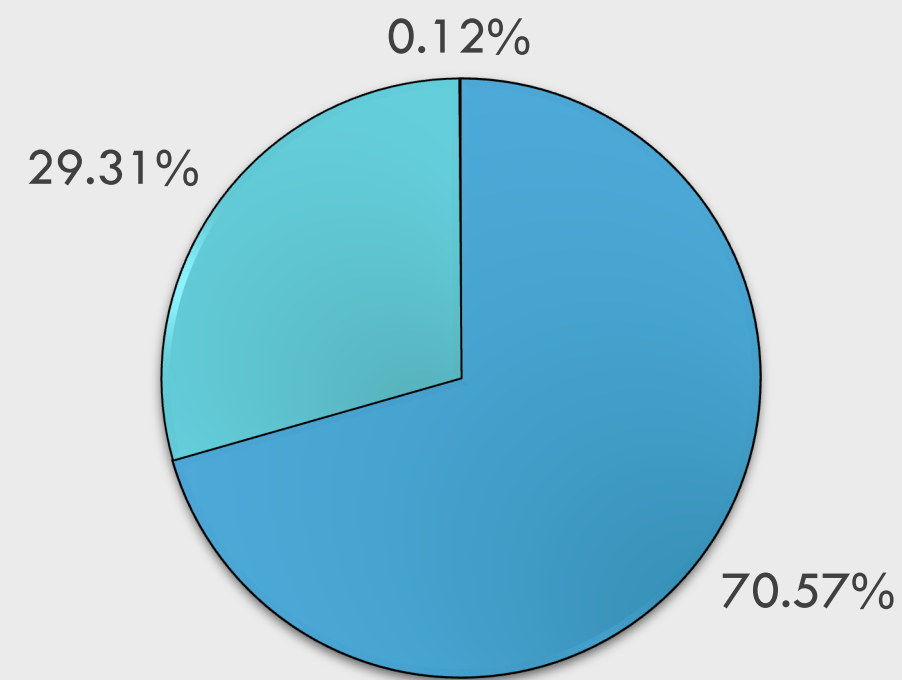
2021 SURVEY 1: First Months Covid Vaccine **Persistent Symptoms Review**

2022 SURVEY 2: One Year Covid Vaccine **Outcomes & Symptoms Progression**

2023-2024 SURVEY 3: Two Years+ Covid Vaccine **Symptom Clusters & Treatment Outcomes**

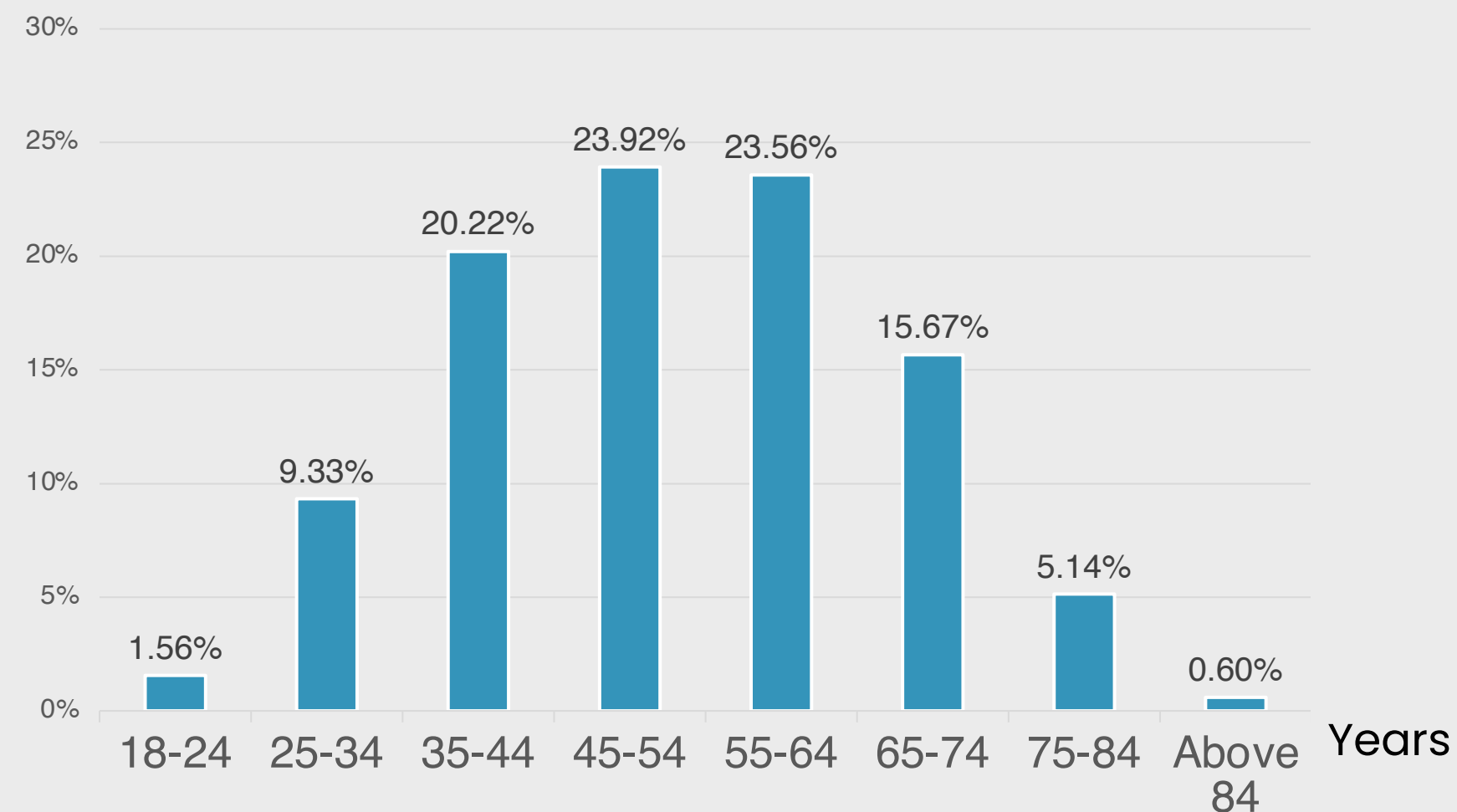
NOW RECRUITING www.react19.org/study

GENDER



Female Male Prefer not to say

AGE



Average age is **35-55 years of age**.
Majority of injuries are reported in Females.



Provider Education

Complimentary Datasets

REACT19 SURVEY DATA LOOKS SIMILAR TO MANY OTHER DATASETS FROM PATIENTS REPORTING GLOBALLY.



Gov and Drug Company Reporting Systems

Independent Patient Analyses

Published Case Reports and Series

Pfizer P. Market Analysis

[LINK TO ANALYSIS](#)

83% Female
Age: 31-50

REACT19

[LINK TO SURVEY DATA](#)

70-75% Female
Age: 35-50

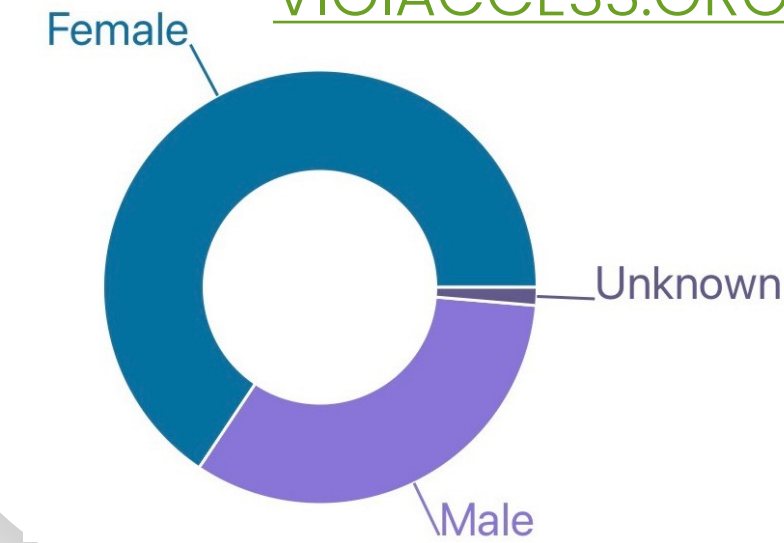
PVS - Germany

[LINK TO SURVEY DATA](#)

76% Female
Age: 30-45

W.H.O. Vigibase

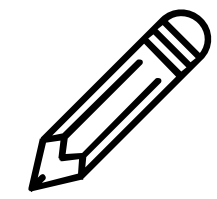
[VIGIACCESS.ORG](https://vigiaccess.org)



V-Safe Database

[LINK TO DATABASE](#)

73% Female
Age: 31-50



Patient-Led Research

Online Survey on COVID-19 Vaccine Adverse Events

Symptoms – Tests – Diagnoses - Treatments

First-Ever IRB Approved patient-led collaborative, by the injured for the injured.

NOW RECRUITING www.react19.org/study



IRB Approved Study.

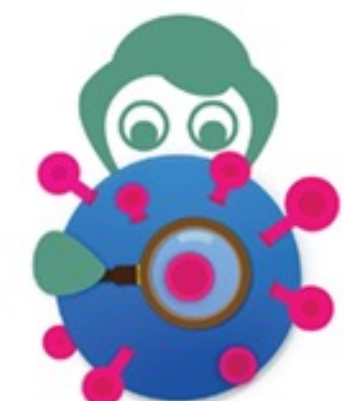
Survey takes 60-90 minutes

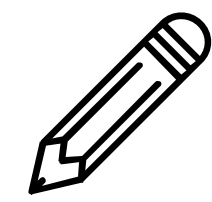
2,500 participants

3,300 enrolled, **840 completed**

Over 650,000 datapoints to analyze with just 840 completed surveys.

Endorsed By The Following Patient Advocacy Organizations:





Patient-Led Research

Online Survey on COVID-19 Vaccine Adverse Events

Symptoms – Tests – Diagnoses - Treatments

Goals:

Build in knowledge gained from Survey 1 and Survey 2

Understand Tests that are commonly used to diagnose and if that is leading to more effective treatment/care.

Better classify and cluster symptoms.

Understand treatments people are trying and discover which treatments may be effective for which symptom clusters.



Principal Investigator

Linda Simoni-Wastila, Ph.D. -
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University of Maryland Baltimore

React19 Study Team:

Edoardo Galli, Ph.D.

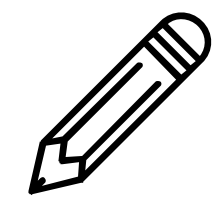
Shaun Barcavage, FNP-BC

Brianne Dressen, Co-Founder React19

Joel Wallskog M.D., Co-Founder React19

Rachel Meier, Study Coordinator

Branden Nail, Data Protection Officer



Patient-Led Research

Online Survey on COVID-19 Vaccine Adverse Events

Symptoms – Tests – Diagnoses – Treatments

IRB Approved Study – HIPAA Compliant

2,500 participants

3,300 started, 840 Completed

Study Limitations

Study length is 60-90 minutes long. VERY TAXING to do, needs to happen in multiple sittings.

Patients struggle to collect all their data before-hand.

Preliminary data analysis.

Over 650,000 datapoints to analyze with just 840 completed surveys



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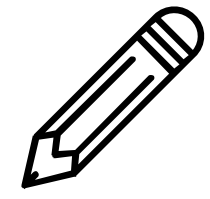
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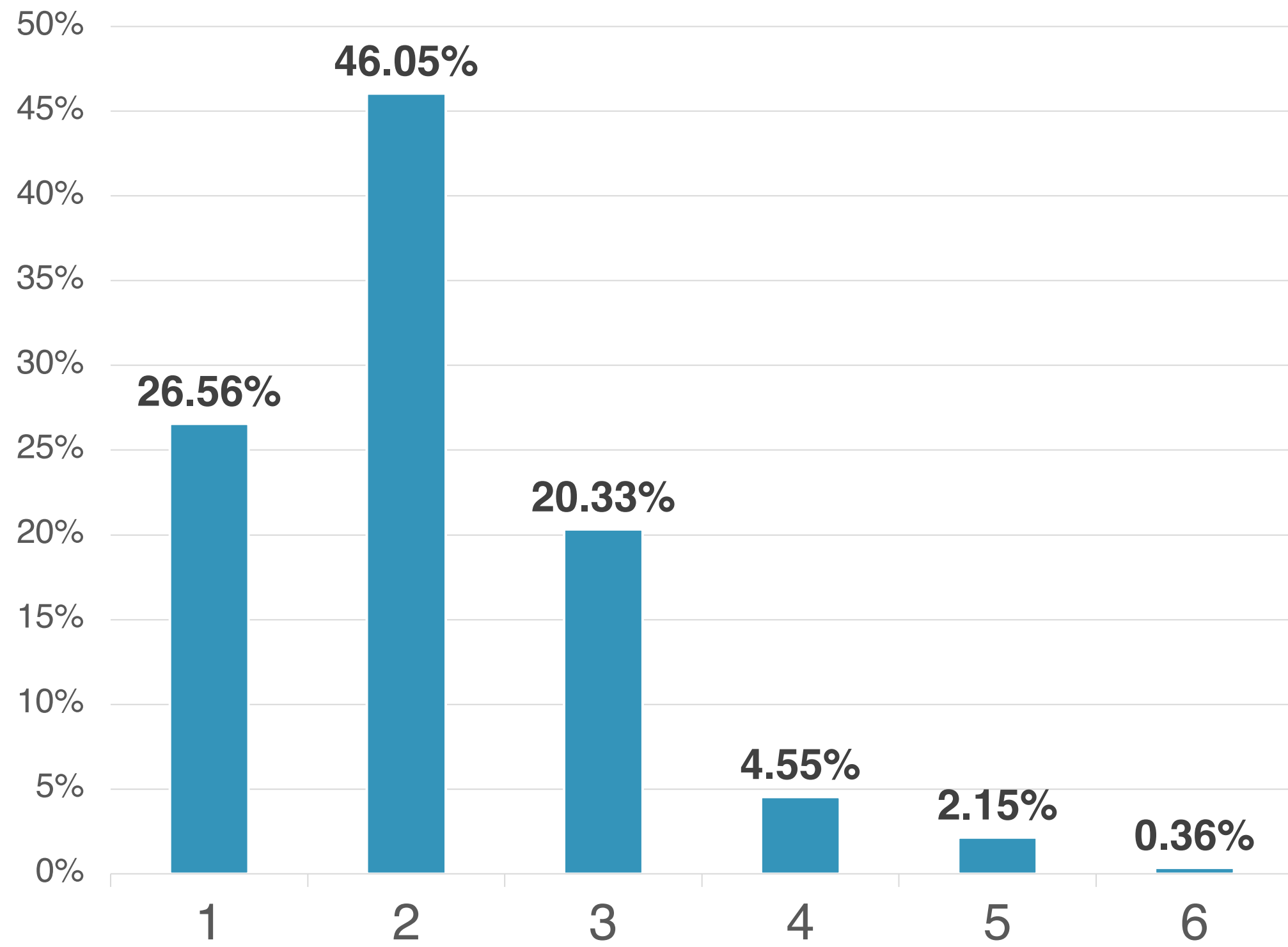
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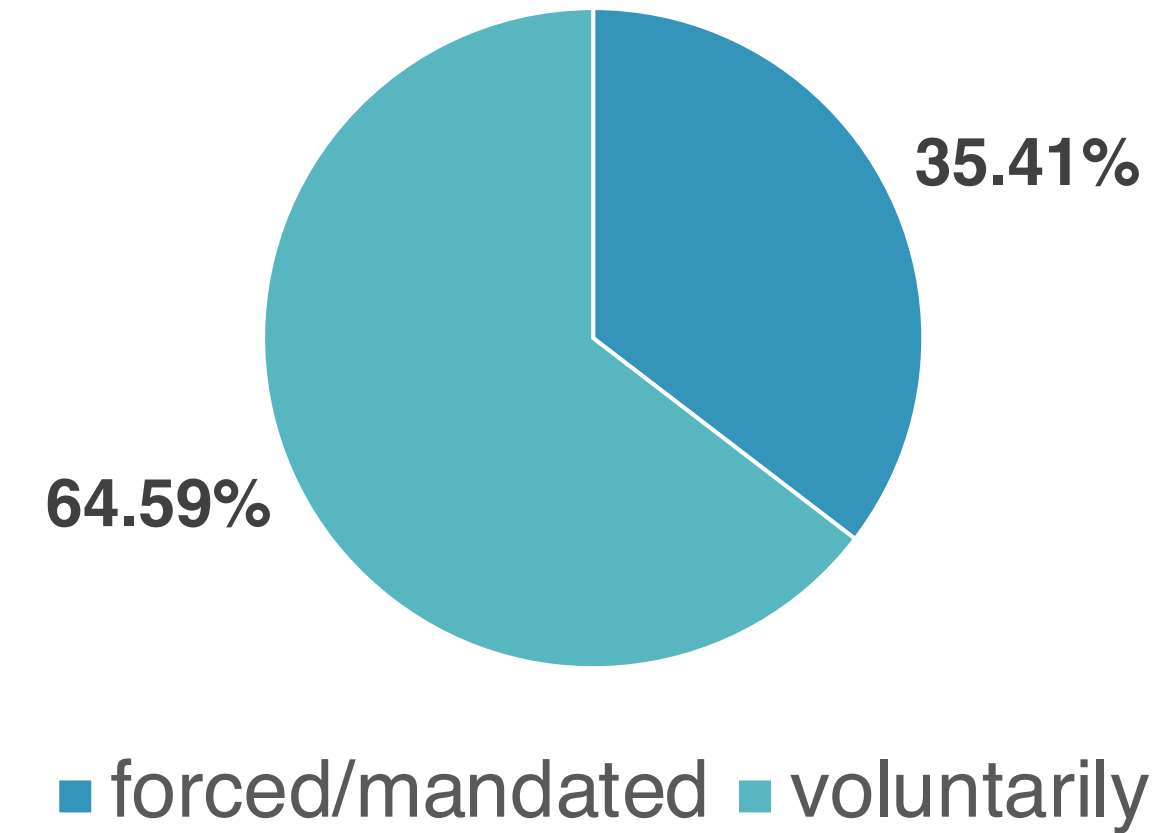


Patient-Led Surveys

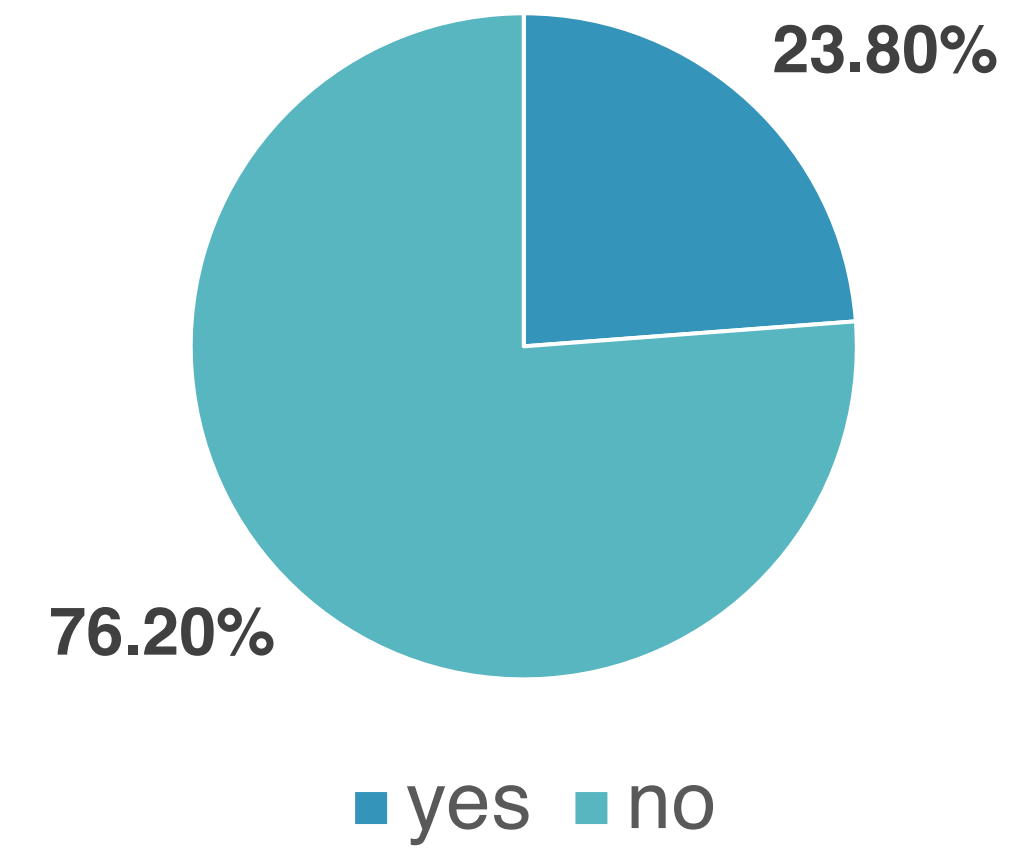
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Vaccine Dose



Mandated? Or Not?



Genetic Relative Also Injured?





Symptoms



Symptom Onset

Symptom Quantity

Symptom Progression

43.5

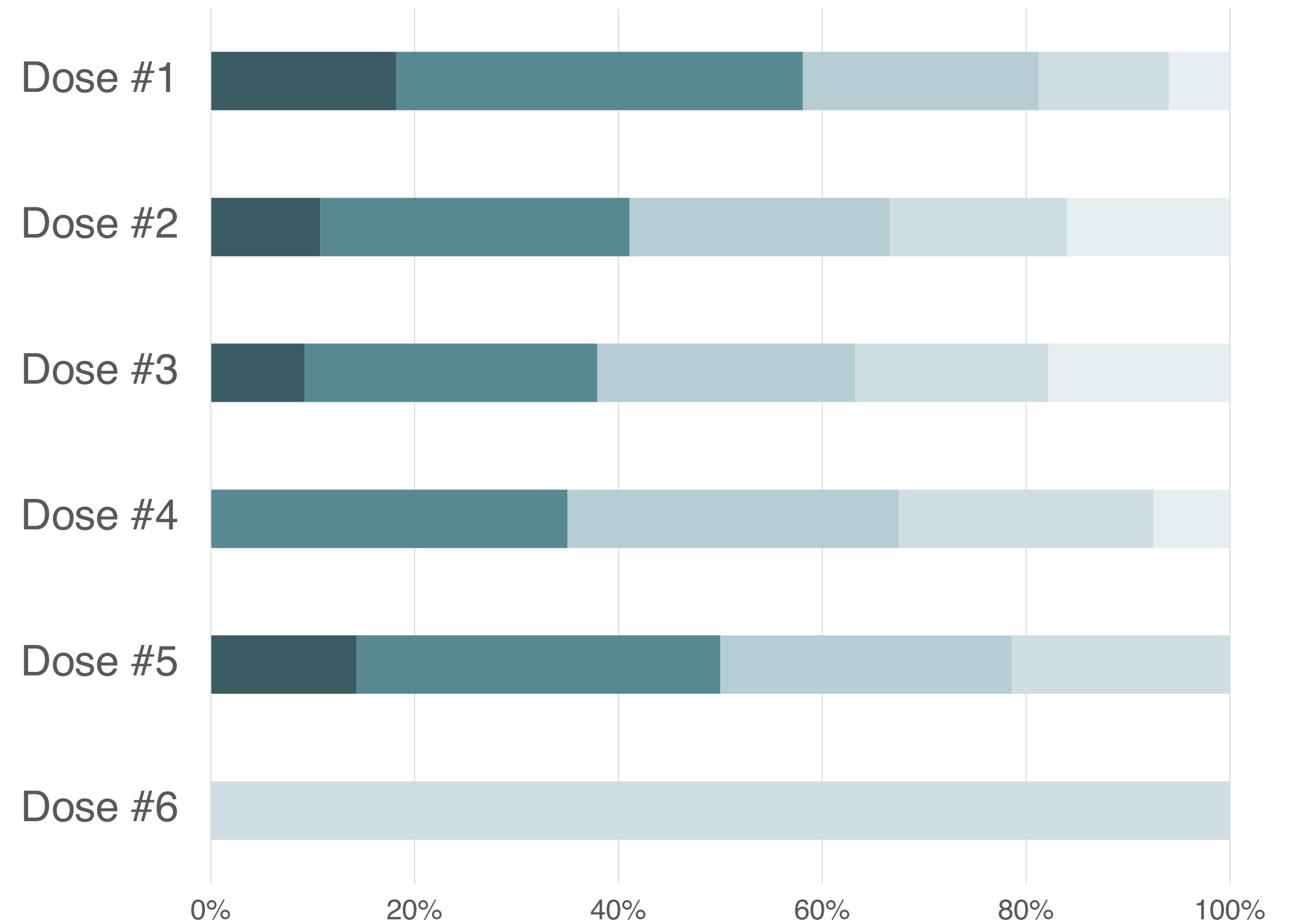
The average number of symptoms reported.
(Total symptoms is 154)

0-7 Days

72% of participants reported symptoms began in first 7 days.

94% of participants reported they are still experiencing symptoms.

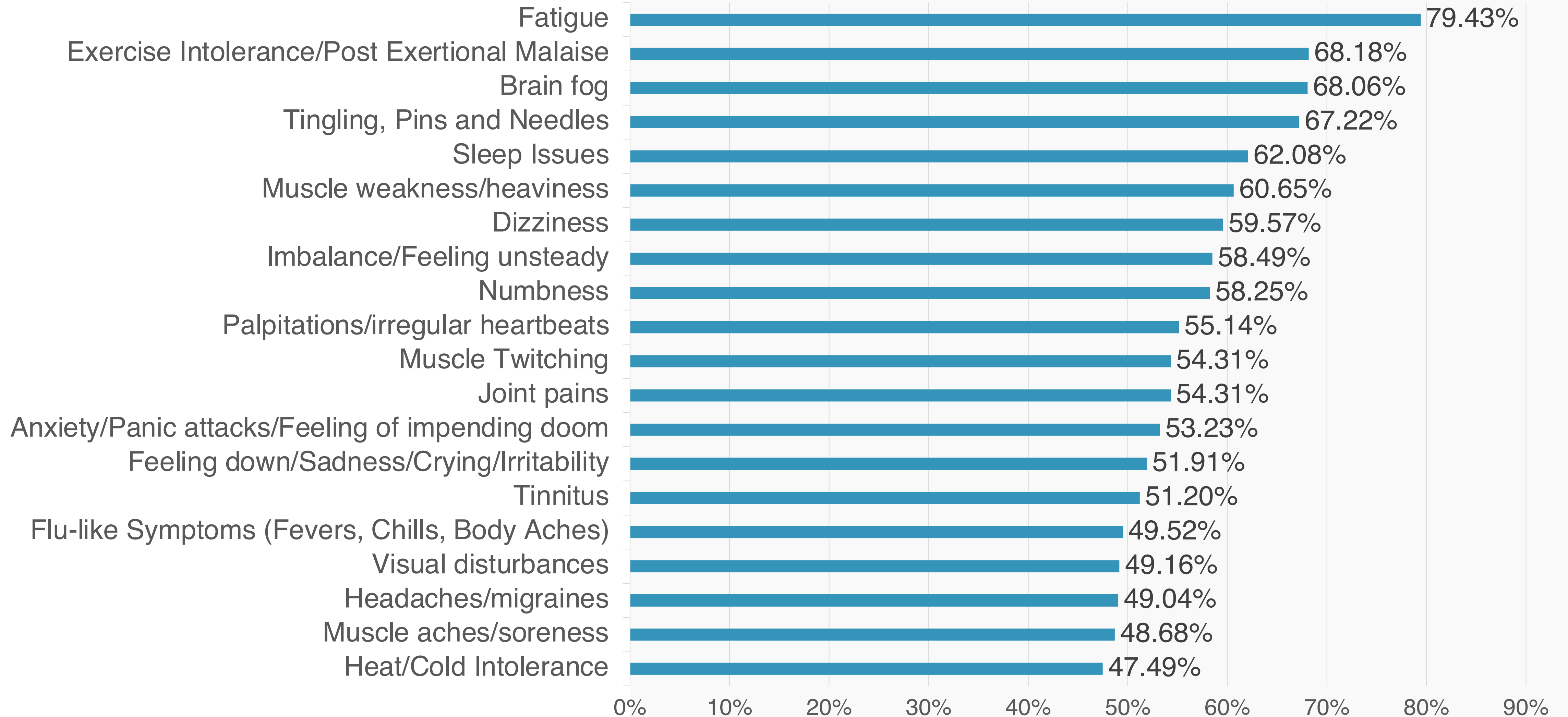
When did symptoms begin?



- Within 30 minutes
- Within 24 hours
- Within the 1st week
- Within the 1st month
- After the 1st month

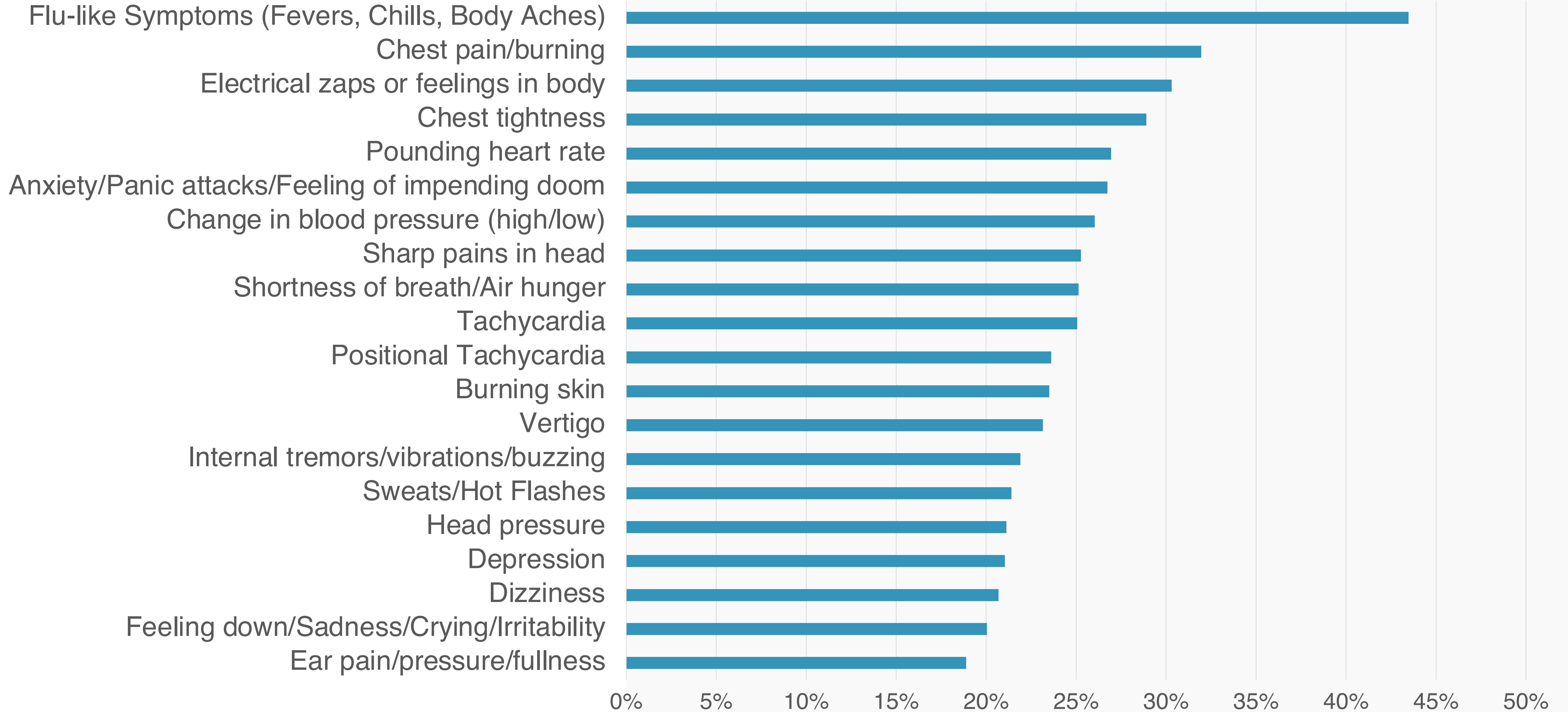


Top 20 Symptoms





Top 20 Resolved Symptoms



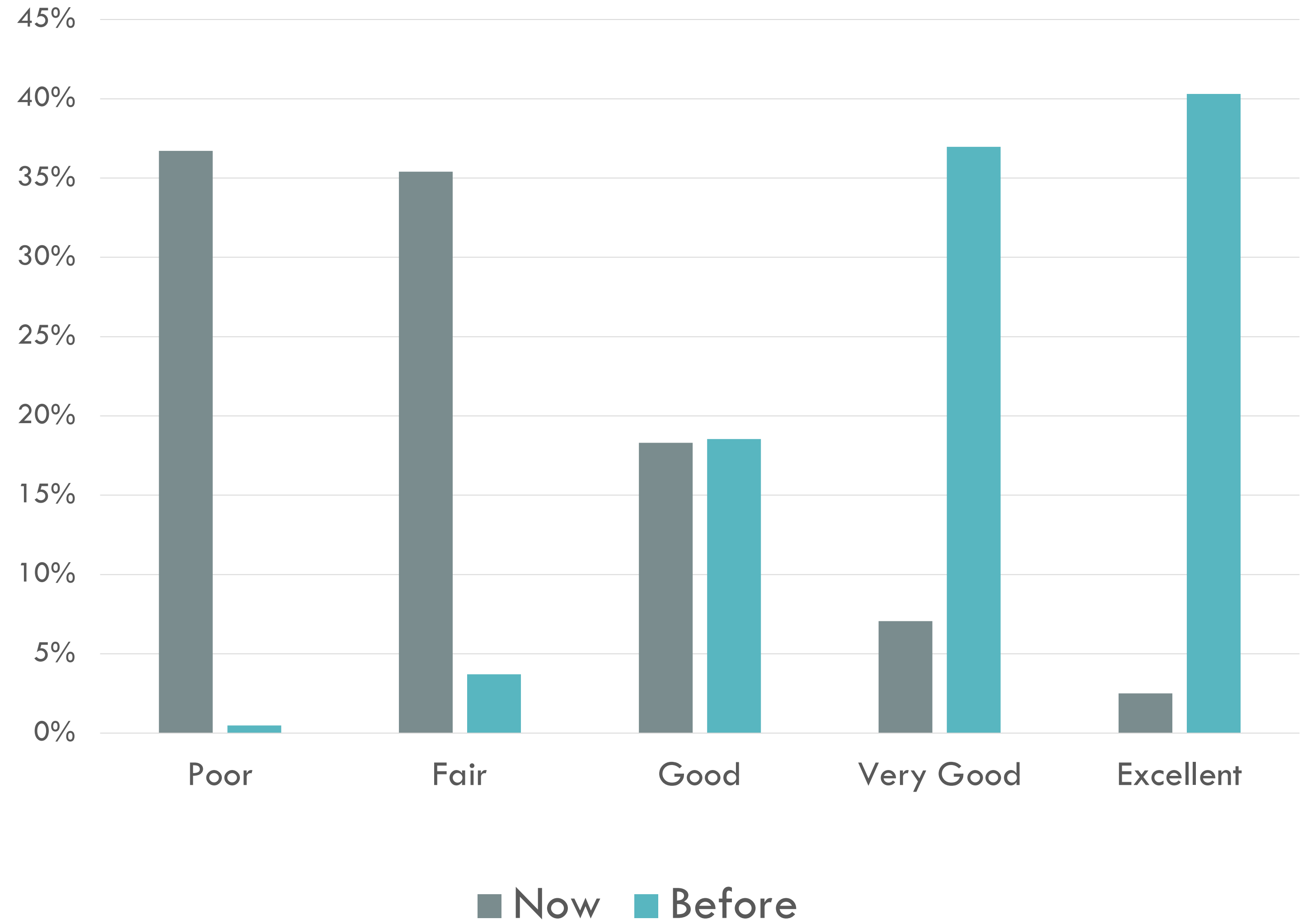


Overall Health



**77% overall health was
"Very Good" or Excellent
prior to vaccination.**

**73% overall health is now
"Poor" or "Fair" after
vaccination.**

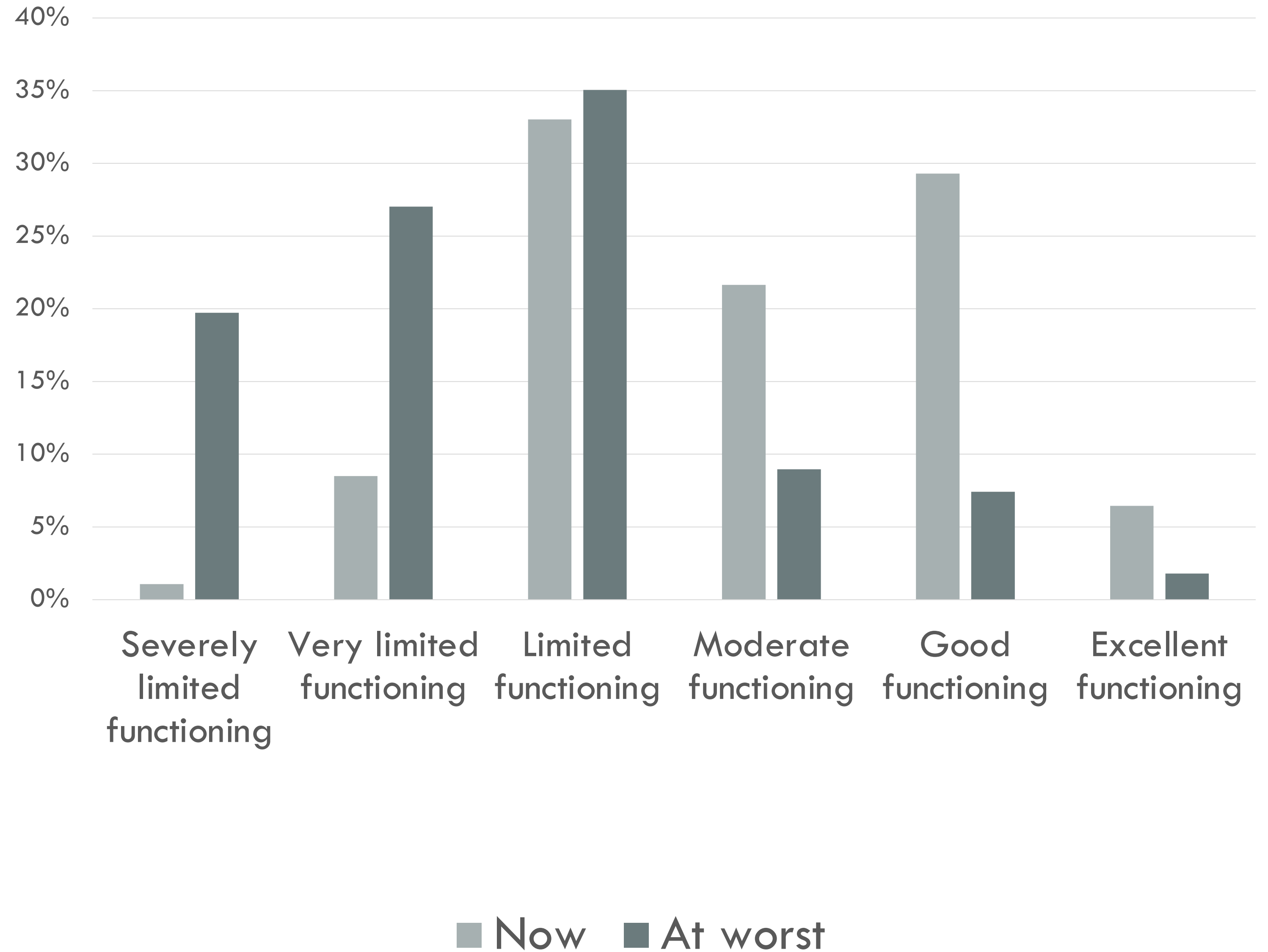




Function



Often a question asked to determine quality of life, and gauge someone's ability to work or contribute to their family or society.



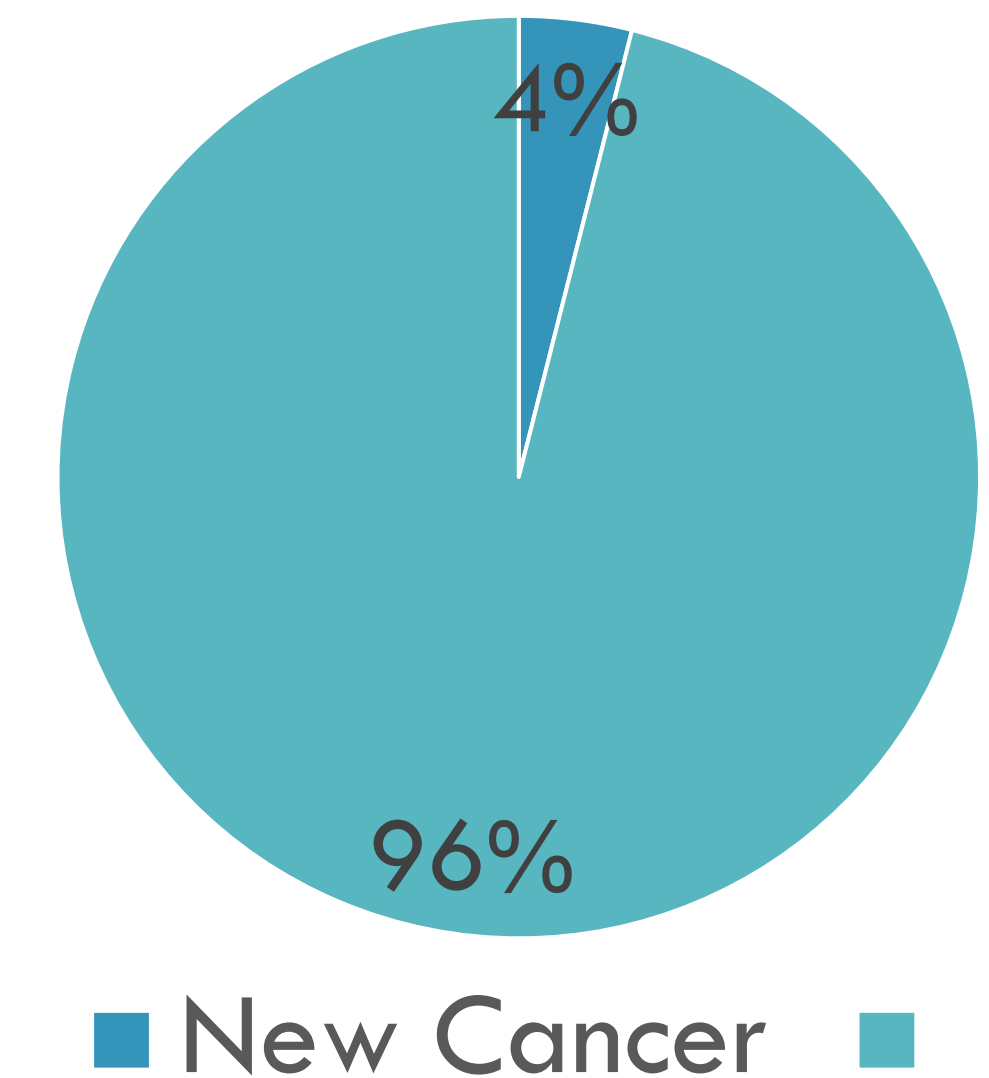
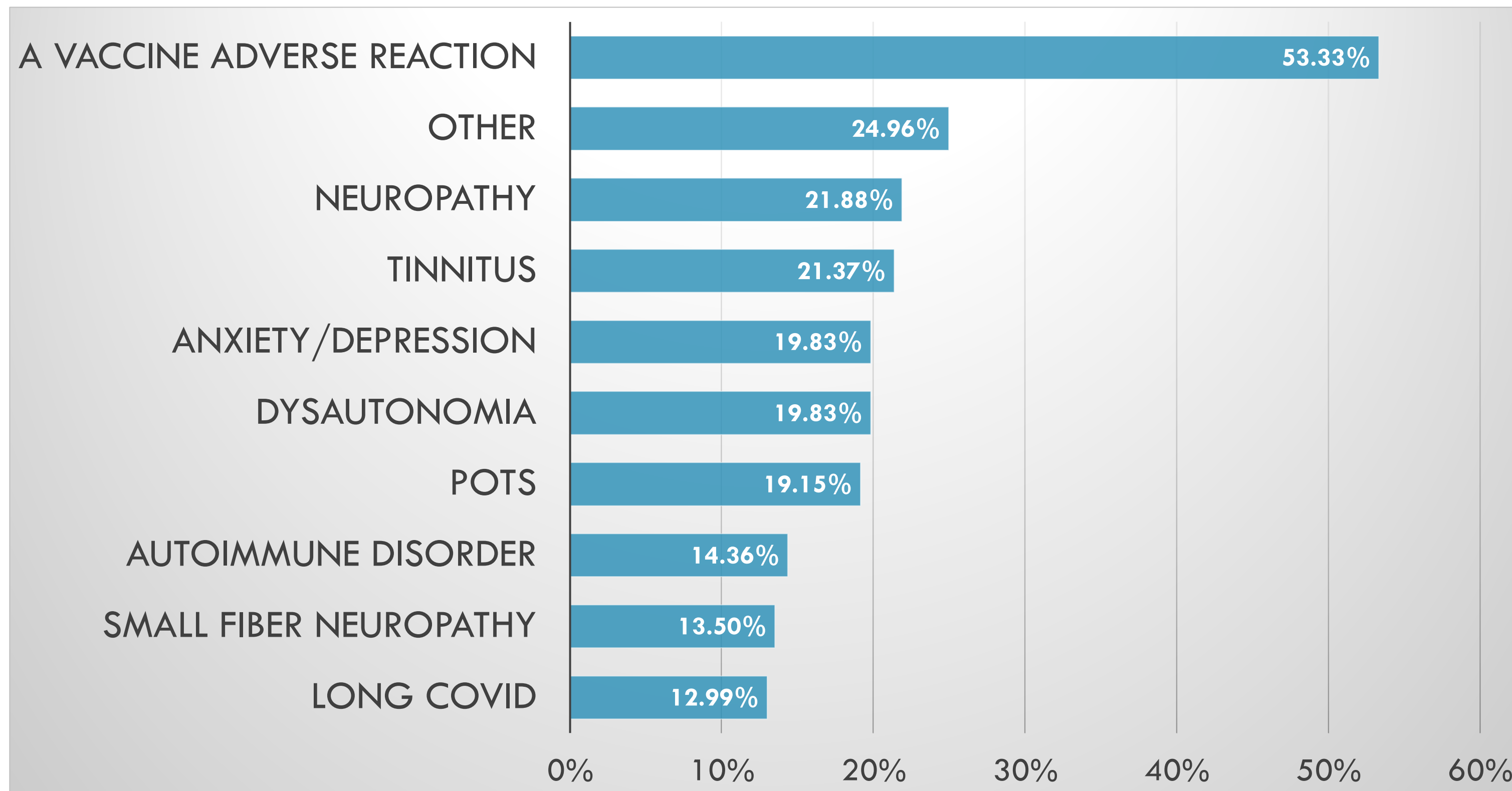


Common Diagnoses

Preliminary Analysis

4.7% of participants reported being diagnosed with myocarditis.

Top Diagnoses





Diagnostics Guide

[Link To Guide](#)

TOP 6 TESTS:

1 - SFN Skin Biopsy Test

2 - Autonomic Testing / Tilt-Table

3 - Autoantibodies: TS-HDS, FGFR3, ACE 2, MAS 1, Alpha 1

4 - Elevated Histamine / Histamine Intolerance

5 -Cardiovascular: Echocardiogram, troponin, d-dimer, BNP, cardiac MRI with contrast

6 - Inflammation / MIS-V: C-reactive protein (CRP), erythrocyte sedimentation rate (ESR), fibrinogen, procalcitonin, d-dimer, ferritin, lactic acid dehydrogenase (LDH), or interleukin 6 (IL-6) and other cytokines, elevated neutrophils, reduced lymphocytes and low albumin

SECTION 1 (of 13): BLOOD TESTS

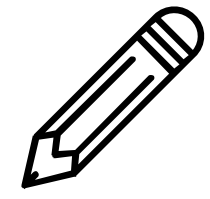
*Not including more specific blood work for neurology, auto-immunity and cardiovascular. See those in sections 2-4

**Attempt to have PCP order labs in this section during your first visit:

ANA	Negative result does NOT rule out auto-immunity
BNP (Brain natriuretic peptide)	Heart inflammation - myocarditis
Complement 3, Complement 4 (C3, C4)	A non-specific autoimmune marker initially often tested before more advanced testing.
Complement Total 50 (CH50)	Measur...
Complete Blood Count (CBC w/ Diff)	A...
Comprehensive Metabolic Panel (CMP)	A...
Copper	C...
C-Reactive Protein (CRP)	Pr...
Erythrocyte Sedimentation Rate (Sed Rate-ESR)	Inflam...
D-Dimer	Run D-dimer especially if there are signs or symptoms of blood clotting. Note that D-dimer tests can fluctuate and in the absence of

Find the positives

The broad spectrum of symptoms and multiple system involvement, makes for a difficult pathway for diagnosis and treatment.

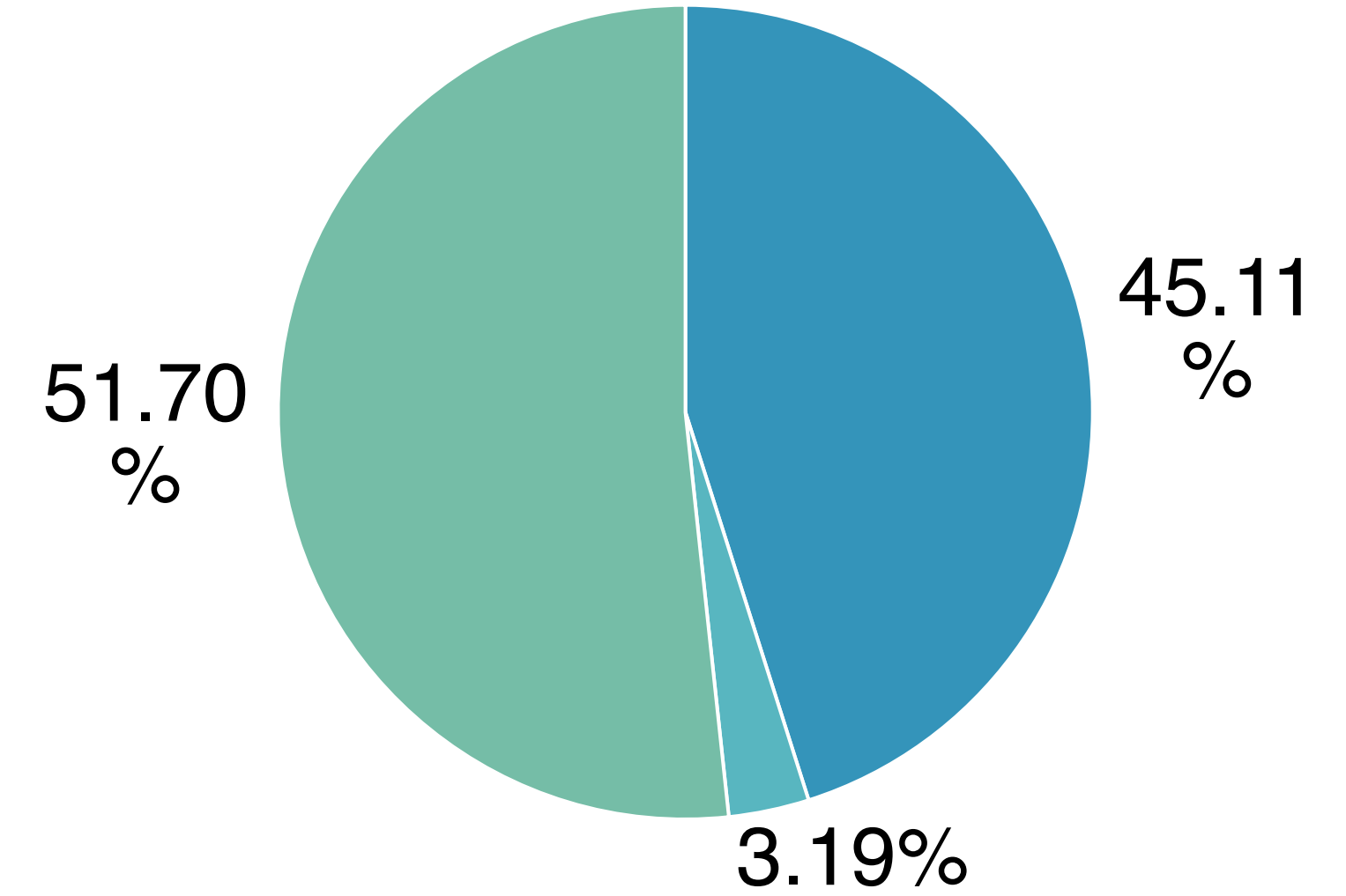
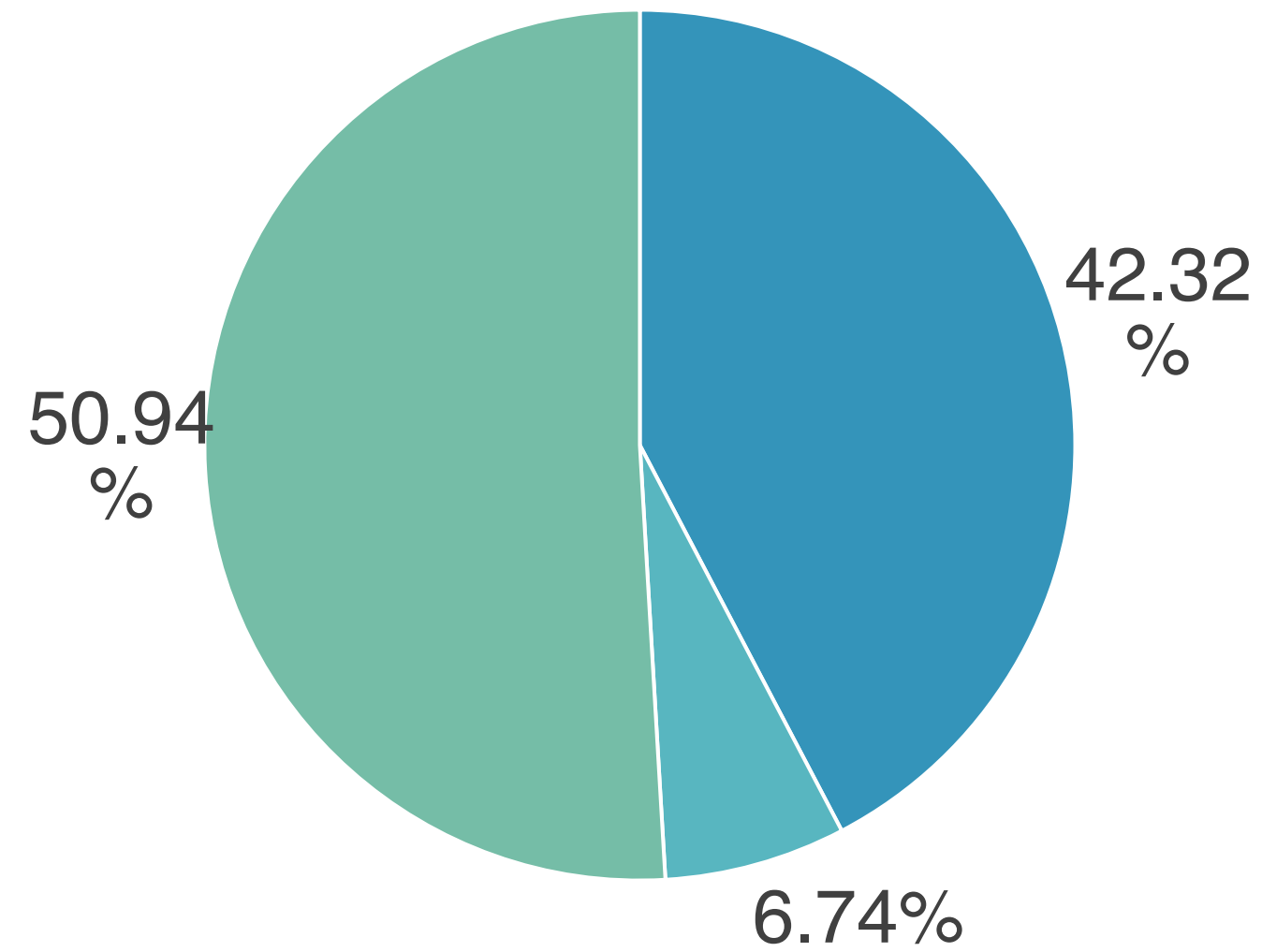
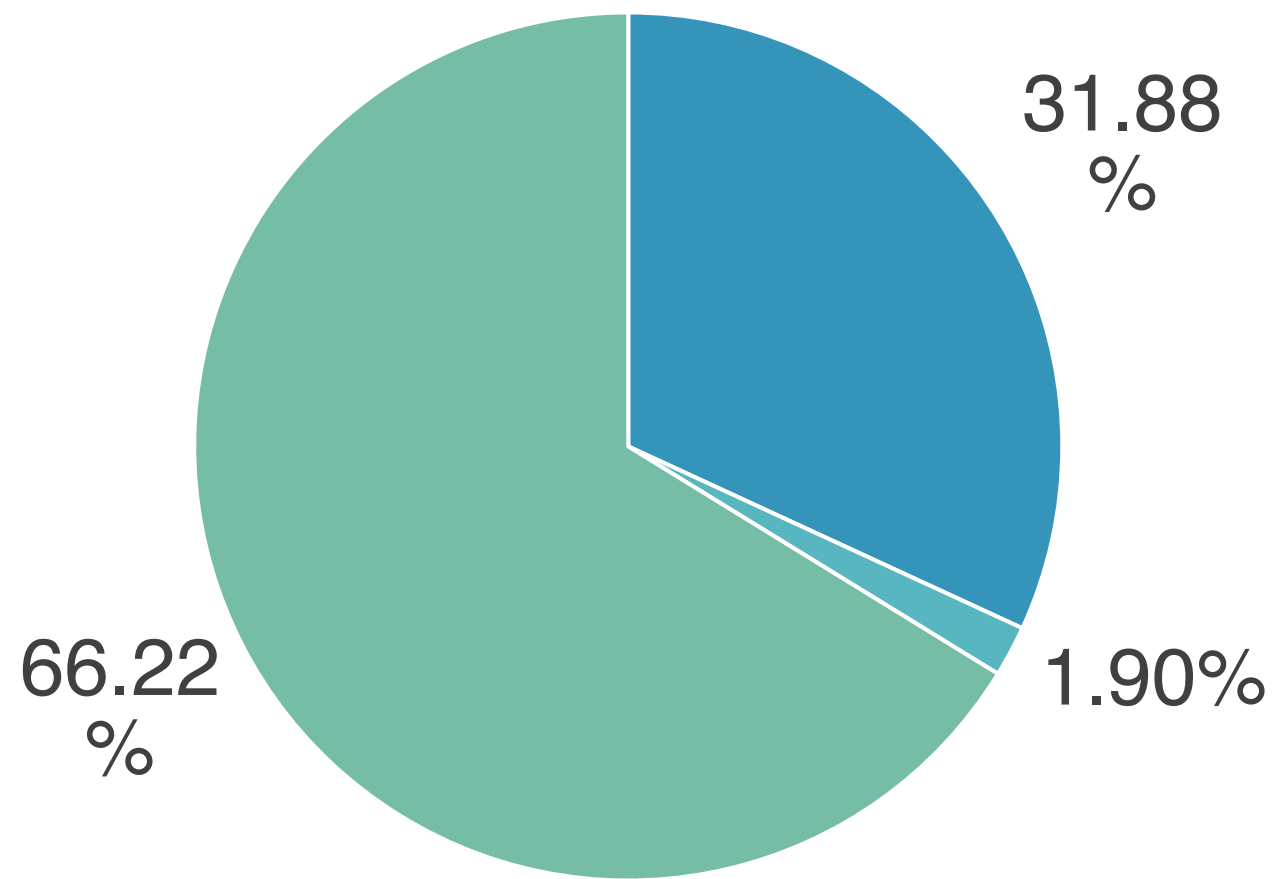
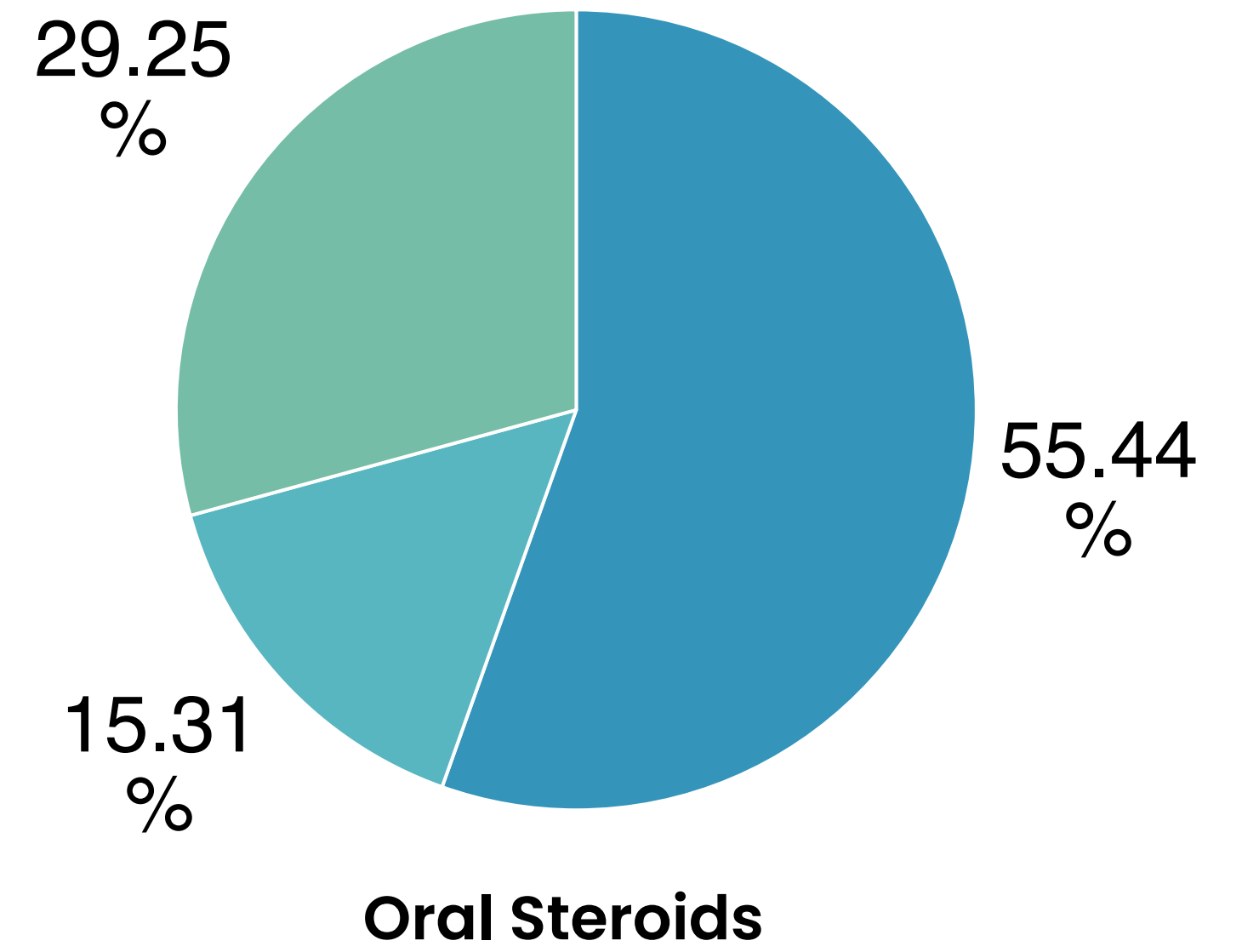


Pharmacologic Therapies

N= 836

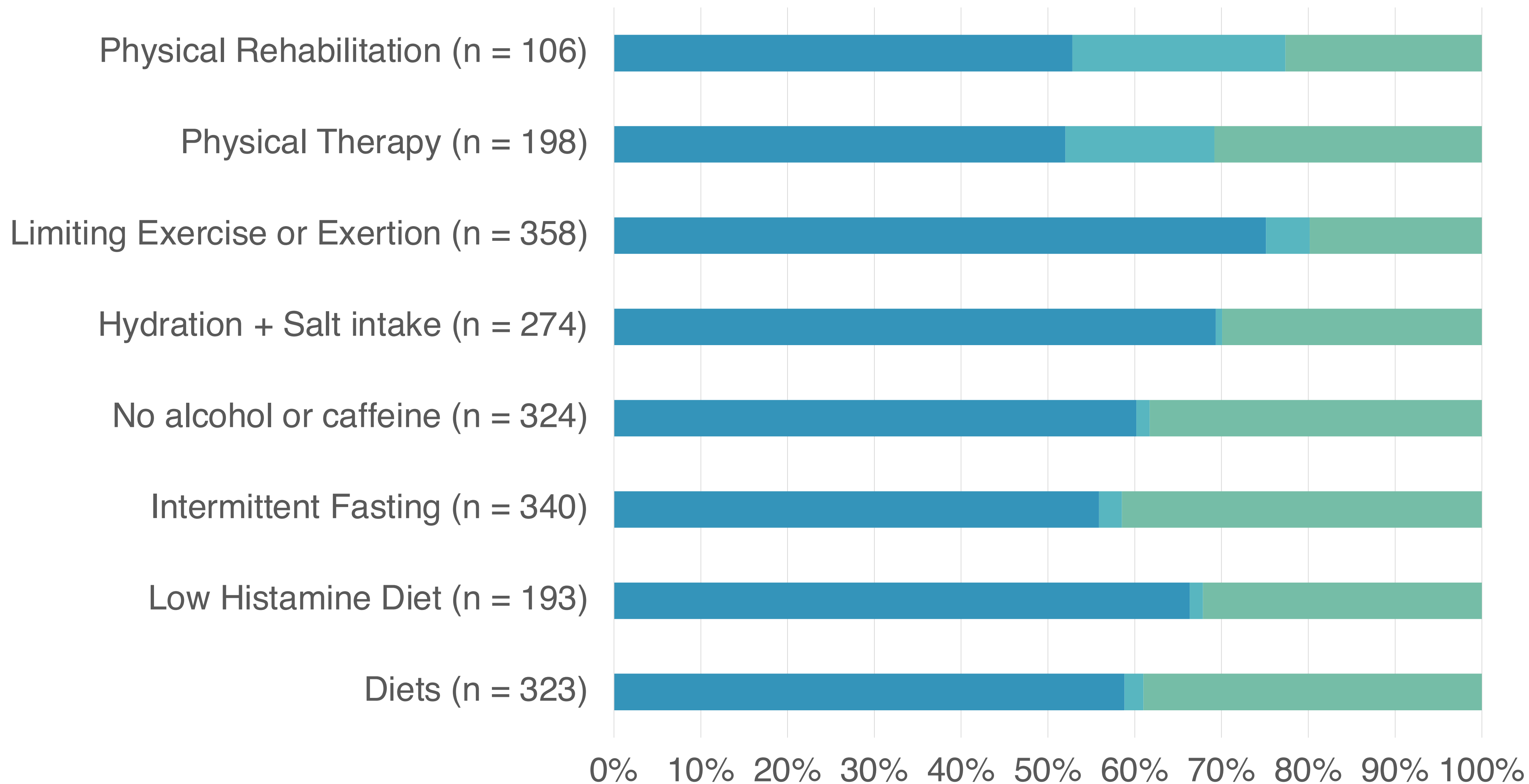
Most Common Therapies Tried

- Helpful
- Worse
- No change/Unsure



NonPharmacologic Therapies

■ Helpful ■ Worse ■ No change/Unsure





Diet Modification

Which non-pharmacological treatments have you tried and were they helpful to treat your symptoms after your Covid-19 adverse reaction?

Statement	Did not try this	Helpful	Worse	No change/Unsure	Overall
Diets	260 43.55%	199 33.33%	7 1.17%	131 21.94%	597 100%
Low Histamine diet	397 66.5%	133 22.28%	3 0.5%	64 10.72%	597 100%
Intermittent fasting	245 41.04%	197 33%	9 1.51%	146 24.45%	597 100%
Prolonged fasting	477 79.9%	68 11.39%	9 1.51%	43 7.2%	597 100%
No alcohol or caffeine	263 44.05%	201 33.67%	5 0.84%	128 21.44%	597 100%
Hydration, increase or decrease salt intake	317 53.1%	194 32.5%	2 0.34%	84 14.07%	597 100%
Limiting exercise or exertion	228 38.19%	277 46.4%	18 3.02%	74 12.4%	597 100%



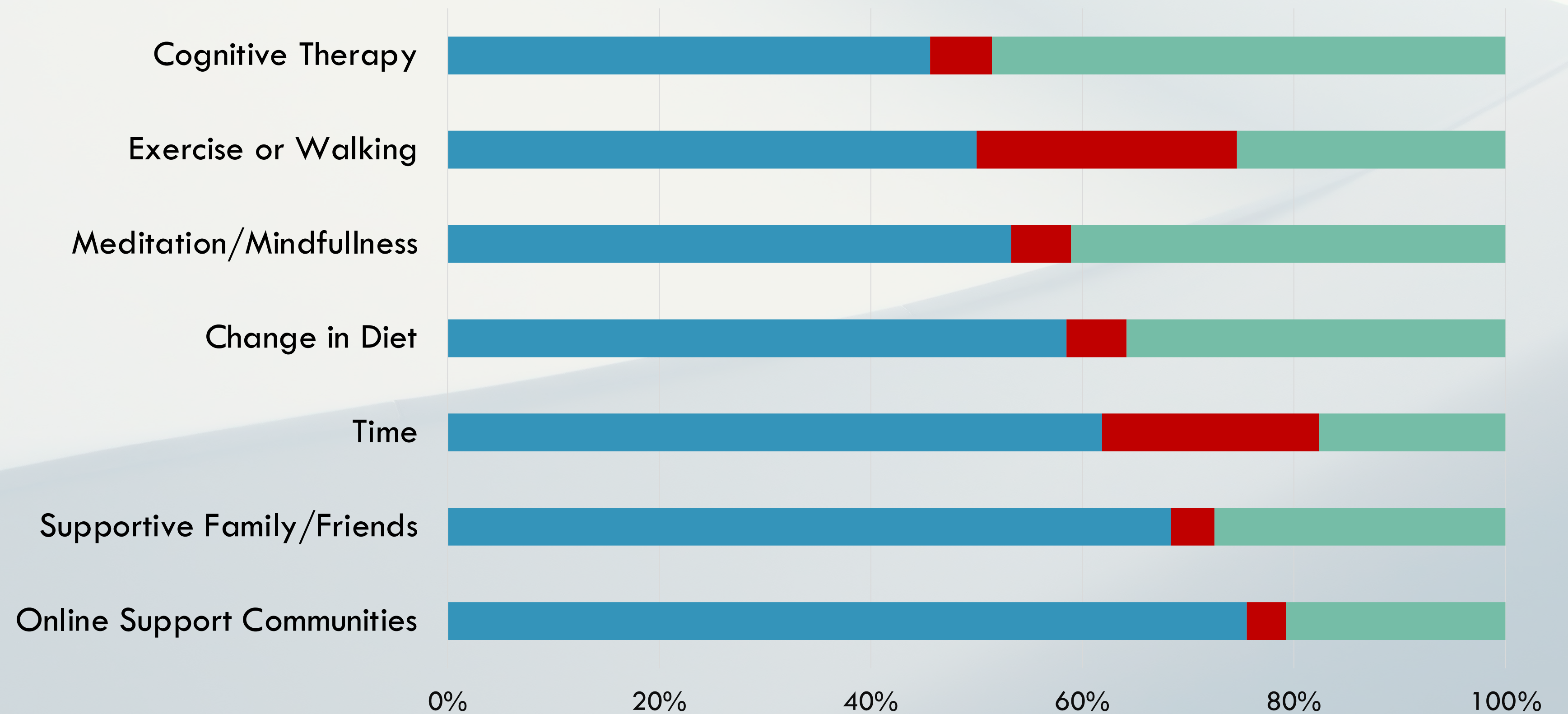
Symptom Relief

Emotional Wellbeing

- Helped
- Stayed The Same
- Worsened



How did the following interventions affect your mental health conditions as a result of you Covid vaccine injury?



Peer R

Case Repo
Neurology

LETTERS TO THE EDITOR

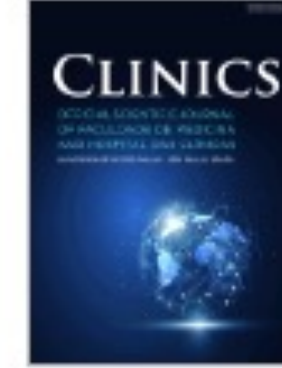
MUSCLE & NERVE - WILEY | E21

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P. Wc



Clinics

Volume 78, January–December 2023, 100304



Correspondence

SARS-CoV-2 vaccination complicated by small fiber neuropathy, mast cell activation syndrome, and pericarditis

Danice Hertz^a, Fulvio Alexandre Scorza^b, Ana Claudia Fiorini^{c,d}, Josef Finsterer^e

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<https://doi.org/10.1016/j.clinsp.2023.100304>

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thy Associated SARS-CoV-2

d Hussain • Jianghong Yu

.7759/cureus.25969

ain Z, et al. (June 15, 2022) Small
rna SARS-CoV-2 Vaccine. Cureus
/cureus.25969

6 Department of Neuro

acute coronaviru

tre

7 Selbsthilfegruppe Po

COVID-19 vaccine has been reported to result in small fiber neuropathy. We report a case of a

Post-Vaccination Syndrome: A Descriptive Analysis

Evaluating symptoms, quality of life, treatments.

More than 500 different treatments reported. Top most effective treatments are limiting exercise or exertion, quitting alcohol, hydration and increasing salt intake, and intermittent fasting.



Events

The LISTEN Study

Kindred is working with Yale researchers to build a learning community to help find answers. Join Kindred now to enroll in LISTEN.

The LISTEN study is recruiting only from the Kindred network. Follow these simple steps to participate in COVID research with leading scientists:

Follow this preprint

Post-Vaccination Syndrome: A Descriptive Analysis of Reported Symptoms and Patient Experiences After Covid-19 Immunization

Harlan M. Krumholz, Yilun Wu, Mitsuaki Sawano, Rishi Shah, Tianna Zhou, Adith S. Arun, Pavan Khosla, Shayaan Kaleem, Anushree Vashist, Bornali Bhattacharjee, Qinglan Ding, Yuan Lu, César Caraballo, Frederick Warner, Chenxi Huang, Jeph Herrin, David Putrino, Danice Hertz, Brianne Dressen, Akiko Iwasaki

doi: <https://doi.org/10.1101/2023.11.09.23298266>

This article is a preprint and has not been peer-reviewed [what does this mean?]. It reports new medical research that has yet to be evaluated and so should not be used to guide clinical practice.



Abstract

Full Text

Info/History

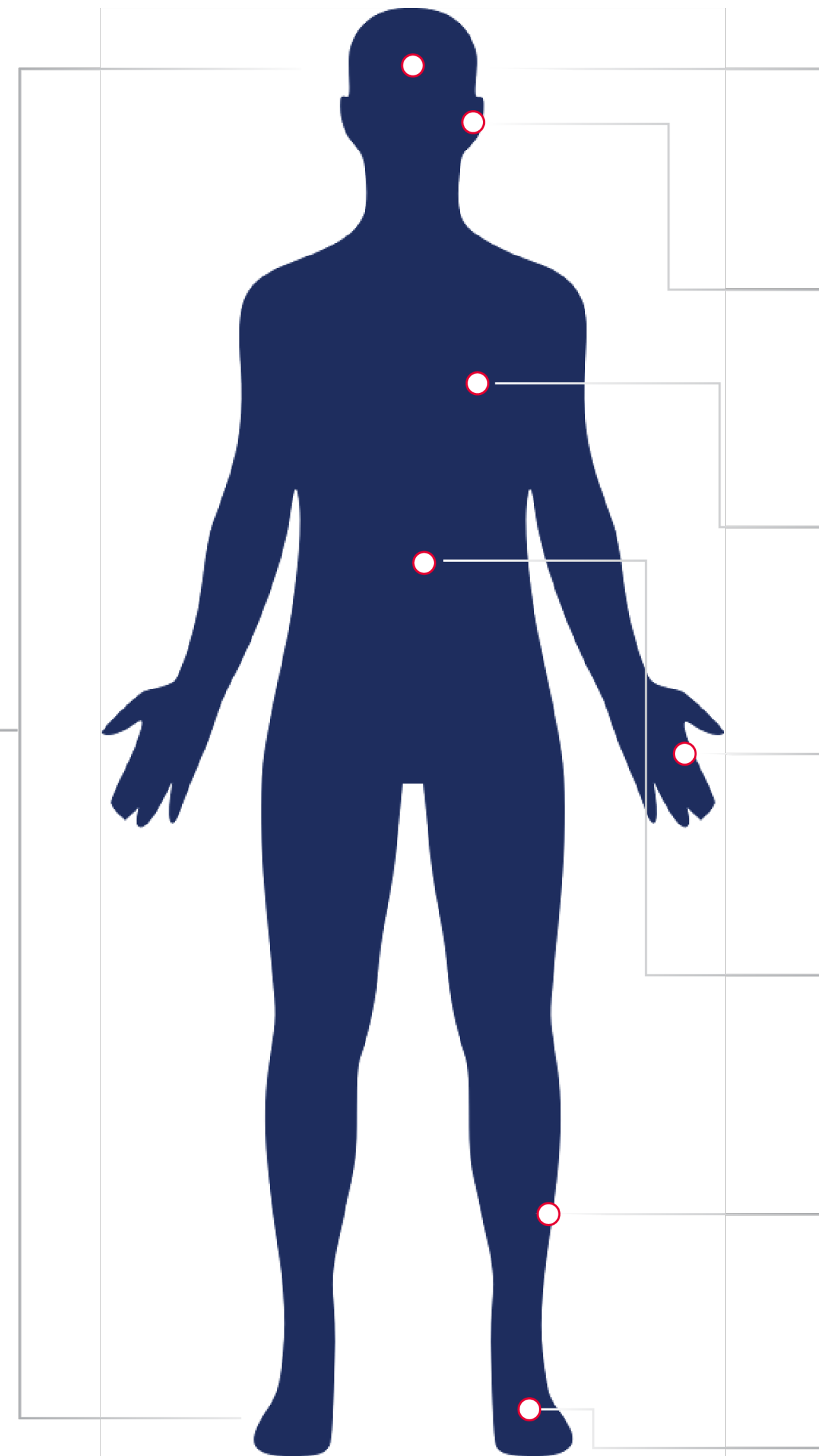
Metrics

Preview PDF

Post Covid Vaccine Syndrome

Common Diagnoses

- Inflammation
- Pericarditis
- Myocarditis
- Dysautonomia
- Neuropathy
- Autoimmunity
- POTS (Postural Orthostatic
Tachycardia Syndrome)
- Guillian Barre Syndrome
- Transverse Myelitis
- Stroke / Clots
- ME/CFS
- CIDP
- MCAS



Headaches
Tinnitus / Vision Issues
Memory Loss



Brain Fog / Fatigue
Sleep Disturbances
Post Exertional Malaise



Chest Pain / Tightness
Heart Rate Issues
Shortness of Breath



Twitching / Tremors
Limb Weakness
Muscle or Joint Pain



GI Issues / Diarrhea
Food Sensitivities
Bladder Issues



Rashes / Hives
Bruising



Burning or Tingling
Numbness
Internal Vibrations

Neuropathic Symptoms after Covid Vaccination

23 patients were studied, tested, and treated at the NIH.

Patients received steroids, IVIG, or no treatment.

Treatment outcomes were followed for 2+ months.

Study shows those who were treated with immunotherapies fared better than those who received no treatment.

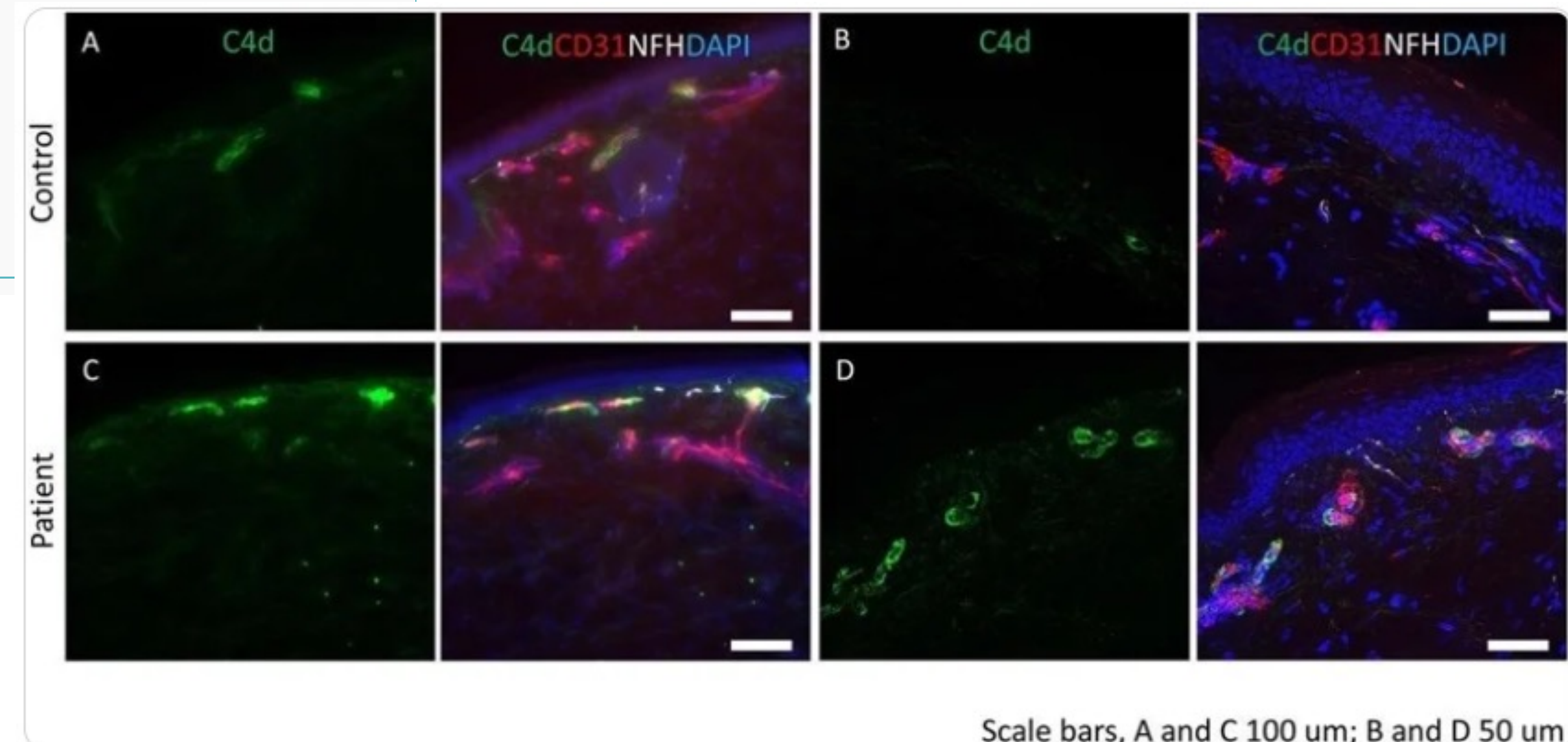
Study also shows that every participant they tested for C4D complement dysregulation were positive.

Provider Education



Neuropathic & Autonomic Disorders (and Immunologic)

- Neuropathy (SFN, sensory, and other)
- Dysautonomia
- Complement System Dysregulation



Scale bars, A and C 100 um; B and D 50 um

Complement Therapeutics in Autoimmune Disease

Joshua M. Thurman* Roshini Yapa

Department of Medicine, University of Colorado School of Medicine

Provider Education



The autoantibodies can activate the complement system, which can mediate tissue damage and trigger systemic inflammation....Based on the shared pathophysiology of autoimmune diseases, some of these complement inhibitory drugs may provide benefit across multiple different diseases.

Systemic Lupus Erythematosus

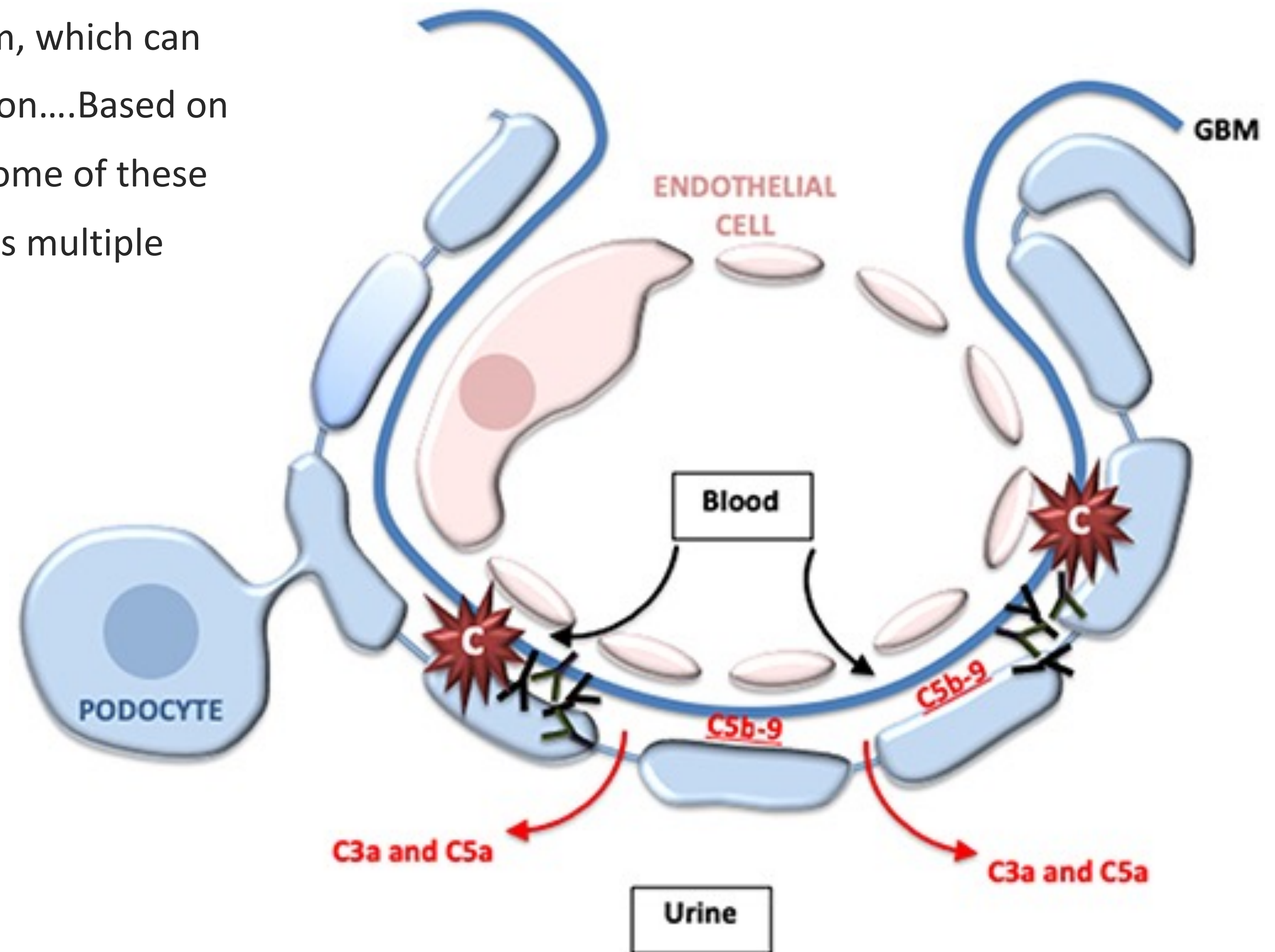
Anti-neutrophil Cytoplasmic Antibody Vasculitis

Antiphospholipid Antibody Syndrome

Membranous Nephropathy

Myasthenia Gravis

Neuromyelitis Optica





Early Intervention

"...However, the rapidity of approval, and history of prior vaccination regimens resulting in neurological and other complications, creates concern surrounding widespread vaccination. ...

"A number of neurological complications of these vaccines are now being reported in the most comprehensive registry, the Vaccine Adverse Events Reporting System (VAERS) database. **These include strokes, cranial neuropathies including Bell's palsy, tinnitus and trigeminal neuralgia, peripheral neuropathies, dysautonomia, acute disseminated encephalomyelitis, transverse myelitis and AIDP** .. however, it is too early to know the true incidence and risk factors for these complications. They are thought to be **immune mediated and early recognition and treatment with immunomodulatory therapies might be warranted...**




National Institute of
Neurological Disorders
and Stroke

"Neurology"

[Published 10/2021](#)

[\[Source\]](#)



"Recently, blood clots occurring 7–14 days after administration have been reported, primarily in young women on oral contraceptive medications... Following review, the recommendation and emergency use authorization for this vaccine were reaffirmed for individuals aged 18 years and older, with a warning regarding **rare clotting events primarily among women aged 18–49 years.**"

"Prior studies have shed light on the likelihood of neurological complications following vaccination. These data can be difficult to interpret and are often seen as controversial, suffering from potential reporting bias and lack of clear causality, but **illustrate theoretical concerns for both patients and physicians and must be acknowledged.**"



Cardio & Neuro Research

POTS Study

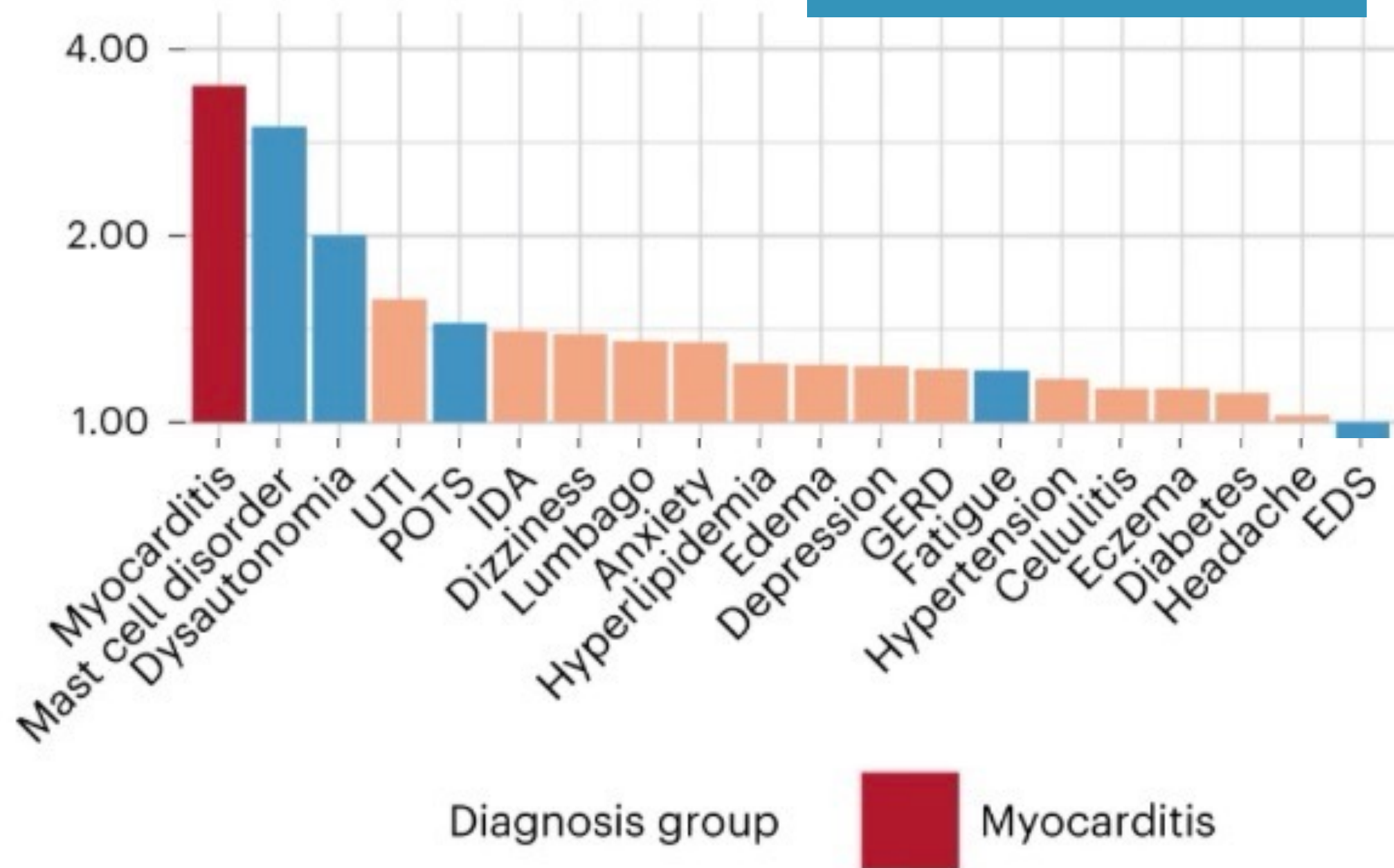


Men vs. Women

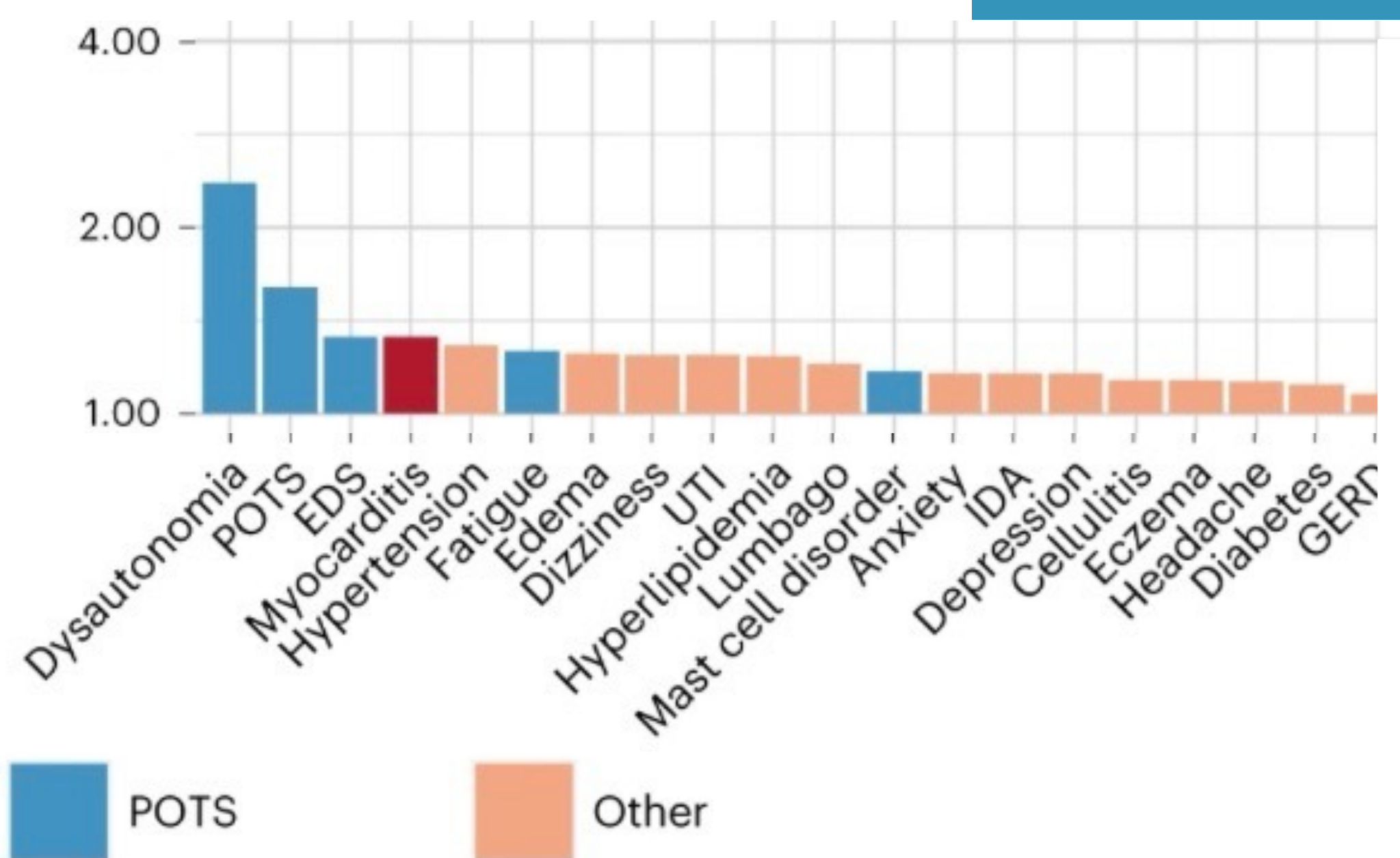
“We found that the five conditions with the highest post-vaccination odds of new diagnoses were myocarditis, dysautonomia, POTS, mast cell activation syndrome and urinary tract infection (UTI).

Women were more likely to be diagnosed with Dysautonomia and POTS than myocarditis.” [\[Analysis\]](#)

Men



Women

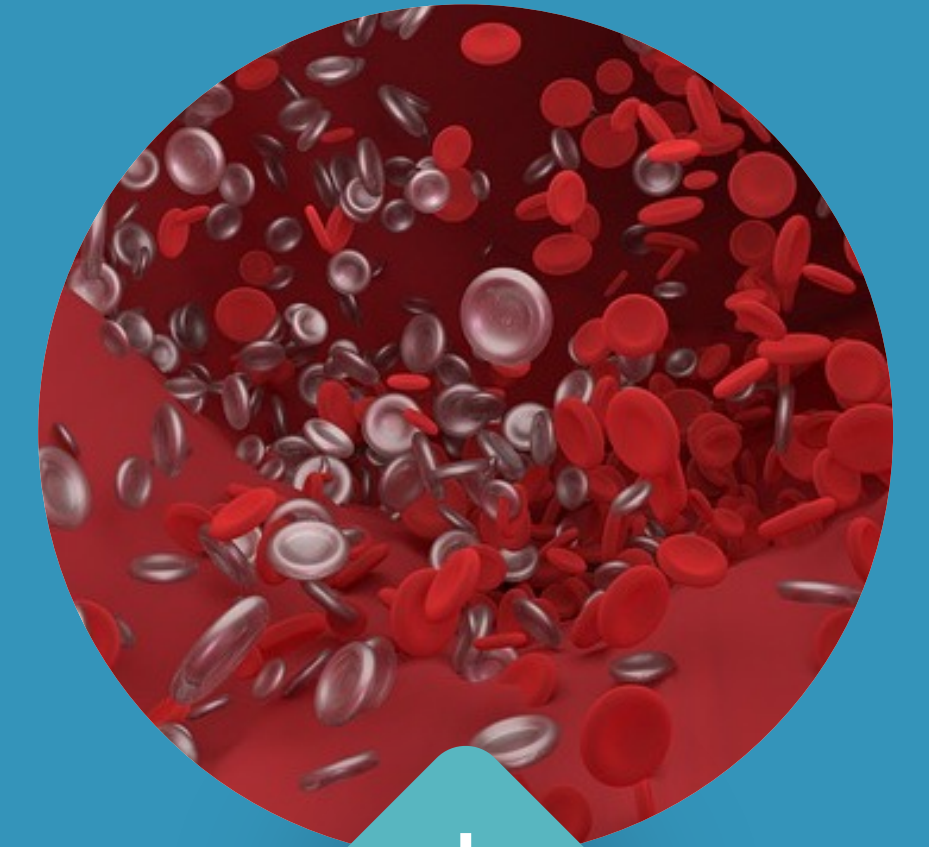


Diagnosis group ■ Myocarditis

■ POTS ■ Other



Using safer measures for POTS and dysautonomia are challenging to find effectively.



Provider Education

POTS Therapies

Commonly used and discussed therapies.

Salt Intake
Thermo-tabs

Fludrocortisone

MCAS Management

Not useful for hyperadrenic POTS, the more complicated condition to treat.

IVIG / SCIG

Very challenging to get approved through insurance.

Lots of side-effects.

Mixed results, reserved for those who are severe or have tried everything else.

IV Fluid and/or Albumin

Recent POTS study shows this could be as effective as IVIG for NON auto-immune patients.

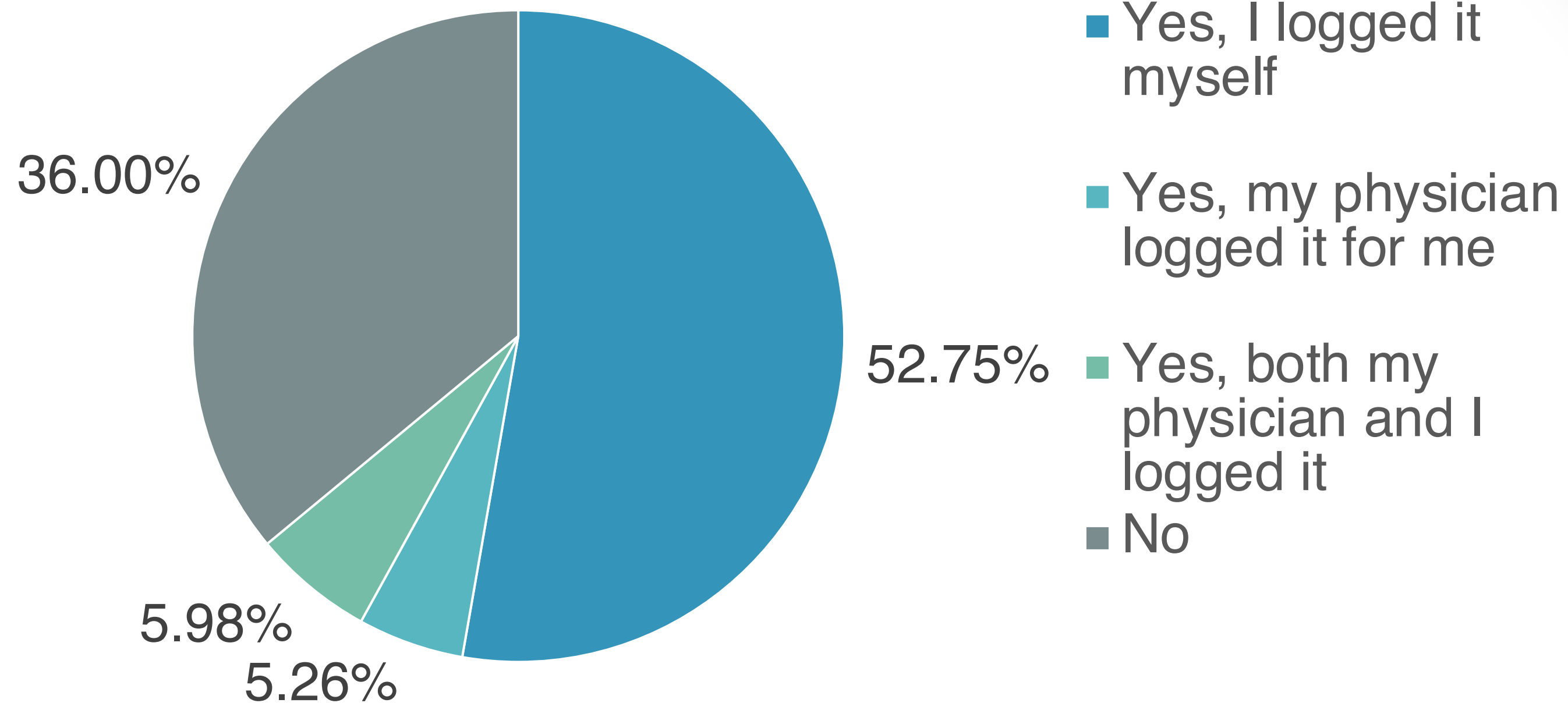
Other studies show patients may not be getting enough fluid orally to rehydrate.

Provider Paperwork

VAERS – Vaccine Adverse Event Reporting System

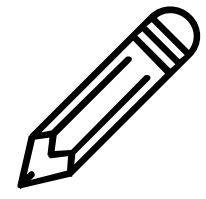
Only ~11% of physicians logged a report in VAERS or similar

Report Logged in VAERS

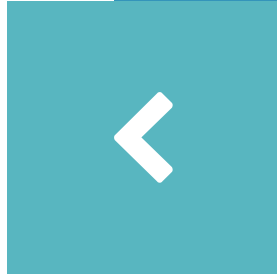
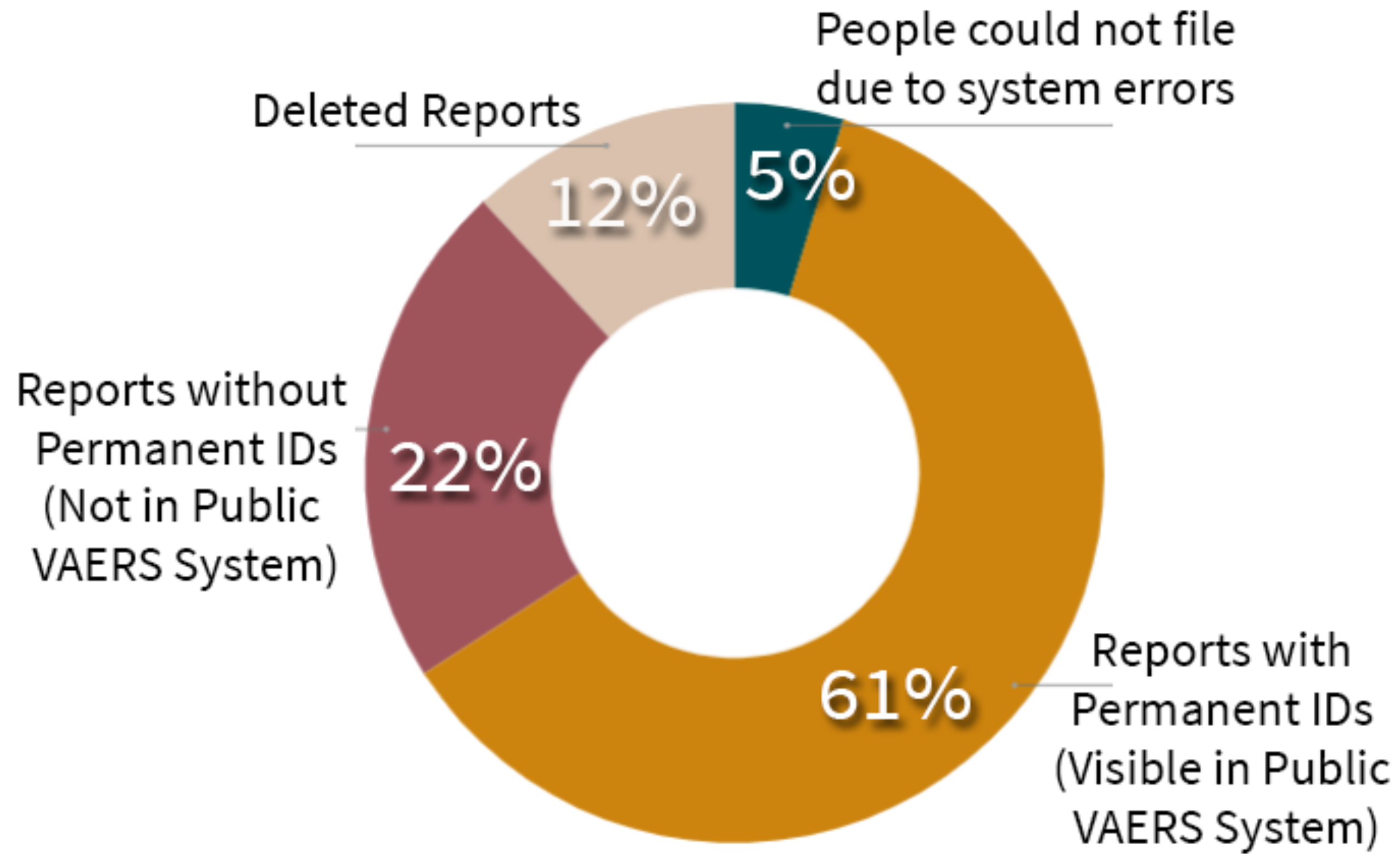


- Yes, I logged it myself
- Yes, my physician logged it for me
- Yes, both my physician and I logged it
- No





VAERS Audit



React19 audit found of 126 verified true VAERS reports of Covid-19 vaccine injury or death:

61% of the reports were published logged and published in the VAERS system correctly (provided a permanent ID#);

22% of the reports are not visible do not have a permanent ID, are not publicly visible;

12% of the reports have been deleted, not publicly visible;

5% could not file a report or their report number remains unknown.

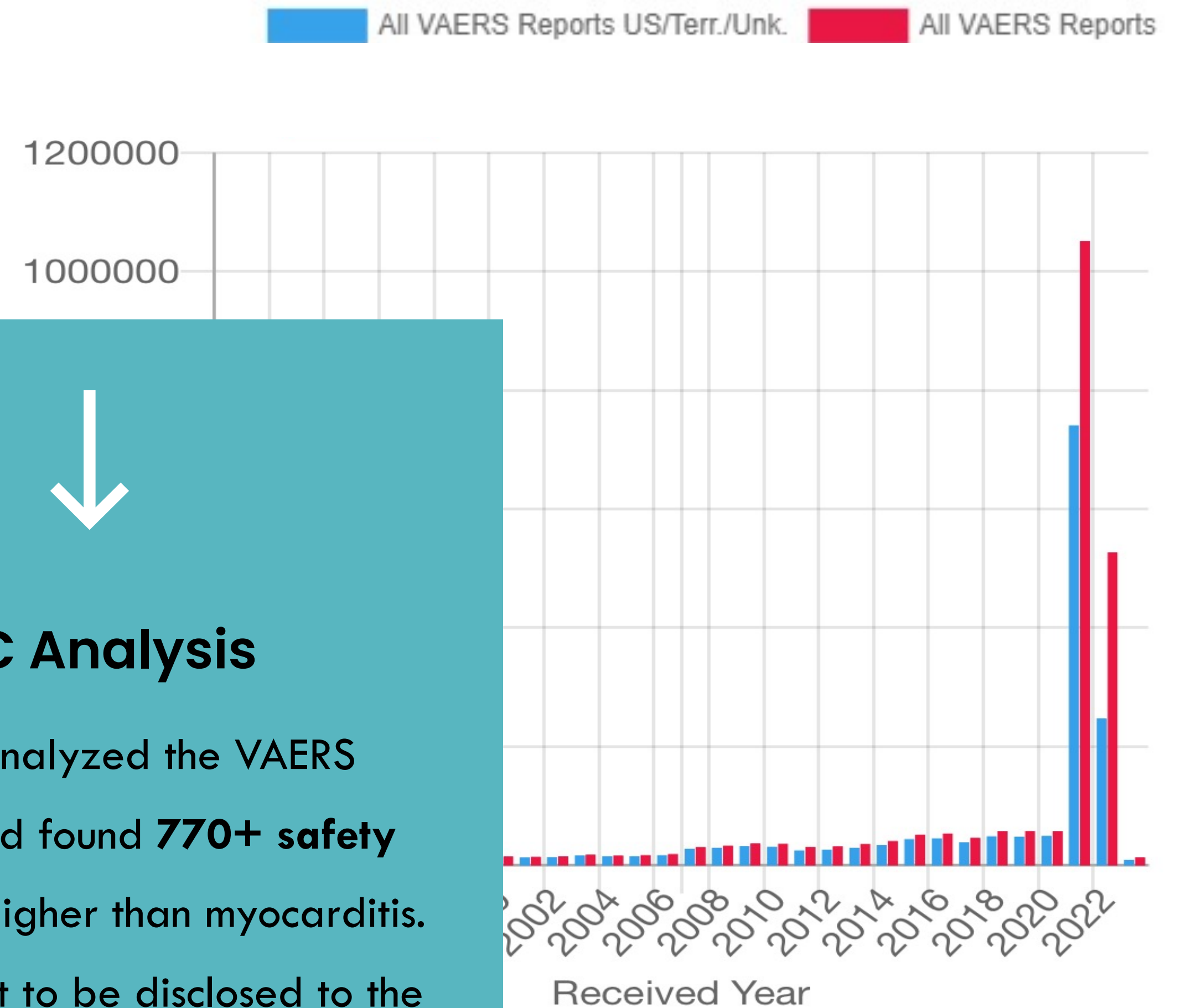
Identifying Safety Signals

Clinical Trial Data – Drug Company Controlled

VAERS – Government Controlled

VSafe – Government Controlled

All Reports to VAERS by Year



CDC Analysis

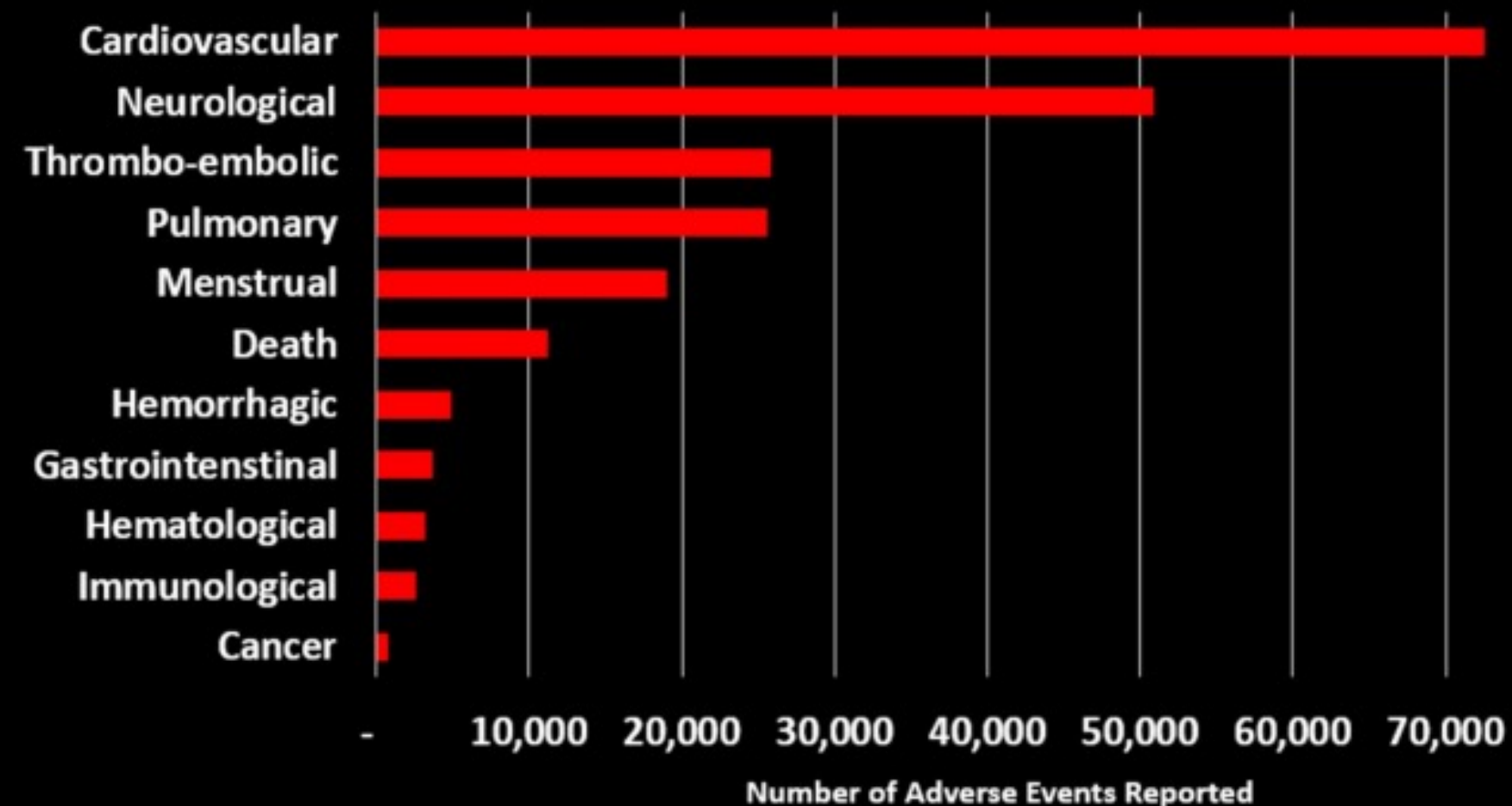
The CDC analyzed the VAERS database and found **770+ safety signals**, 500 higher than myocarditis. These have yet to be disclosed to the public. [\[Analysis\]](#)

CDC VAERS Analysis

[\[OpenVAERS.com\]](https://openvaers.com)

VAERS Reports

Major Categories of Adverse Event Safety Signals from CDC's Analysis of VAERS Reports for mRNA COVID Vaccines



Credit: Joshua Guetzkow, PhD

React19 and OpenVAERS

Register Your Injury, Automatically
Track Your VAERS Reports.

New redesigned React19 website allows an interactive platform for injured members to log their VAERS reports and track if they have been deleted.

Interactive membership and track your data

Where is my report?

 Published

 Pending

 Deleted

Are you already a registered member looking to update your VAERS information?
Please login.

Remember Me



OpenVAERS

Symptomatology

COMMON DIAGNOSES

Allergic

Auto-Immune

Inflammation

Multiple mechanisms and multiple system involvement create challenges to identify diagnoses and therapeutics.

- ● ● CRPS / ARDS
- ● Myocarditis
- ● ● Dysautonomia
- ● ● Neuropathy
- ● ● Neuralgia
- ● ● Autoimmunity
- ● ● POTS (Postural Orthostatic Tachycardia Syndrome)
- ● ● Guillian Barre Syndrome
- ● ● Transverse Myelitis
- ● ● Stroke / Clots
- ● ● ME/CFS
- ● ● MCAS



POTENTIAL CLASSES OF ETIOLOGY ALSO MAY INCLUDE OTHER FACORS LIKE AMYLOIDOSIS, MOLECULAR MIMICRY, POTENTIAL TOXICOLOGY ISSUES, ETC.

Provider Education

Clinical Considerations

Possible Etiology

Allergic

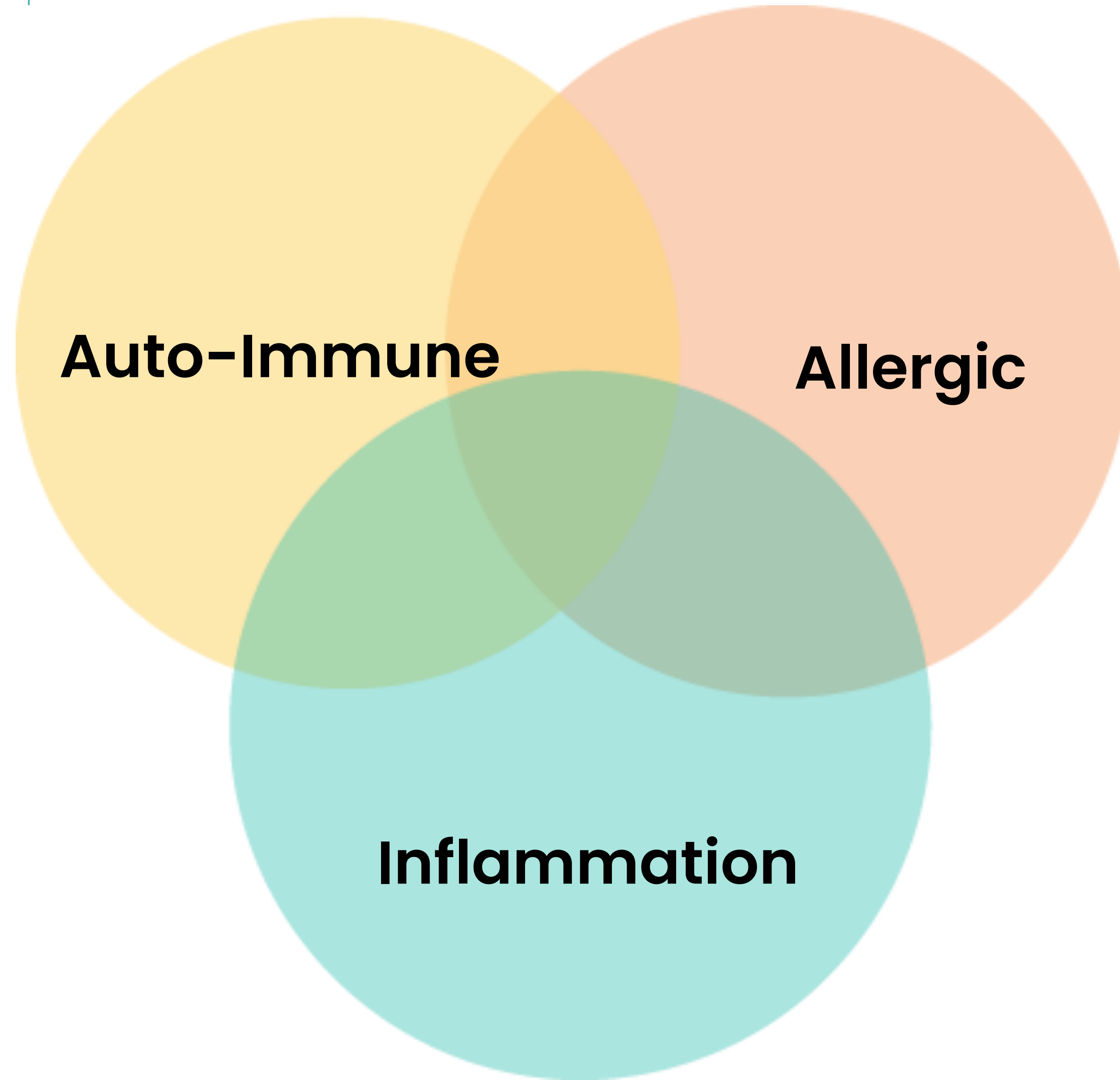
Acute and persistent allergic reaction (MCAS).

Auto-Immune

Auto-immune, dys-immune, hyper-immune.

Inflammation

Cardiovascular, nervous system, organ systems, etc.



Provider Education



Clinical Considerations

Possible Etiology

IT'S IMPORTANT TO REMEMBER THAT THESE ISSUES ARE NOT EXCLUSIVE TO ONE MECHANISM OF ACTION. MANY MECHANISMS ARE AT PLAY AND OVERLAP IS OFTEN FOUND IN EACH PATIENT.



100%

100% of your donation to the CAREfund goes directly into the hands of the Covid vaccine-injured.



Donate Here:



REACT¹⁹
CAREfund

100% of donations go to an injured in need for medical expenses.

Patient Education

Patient Resources

We understand just how important each and every dollar is that comes into this fund. So we have setup this fund to be 100% given back to the injured community to help individuals pay for medical expenses.



Thank You

www.react19.org/get-involved