

**JULY 20** 

IDENTIFICATION AND
MANAGEMENT OF MENTAL
HEALTH SYMPTOMS AND
CONDITIONS ASSOCIATED
WITH LONG COVID







# Housekeeping Items

- All participants are muted upon entry and this session is being recorded.
- There will be a Q&A segment during today's presentation.
  - If you have a question for the presenters, please enter it into the Q&A box.
  - If you need tech help, please enter "tech help" into the chat box.
- At the end of today's webinar, please complete a <u>brief</u> survey.
- Following the session, you will receive a follow-up email with the slides, recording, and information on how to access your certificate of attendance; must attend at least 30 minutes.
- This event is closed captioned!



Follow us on social media:

@MHTTCNetwork





## Disclaimer

This presentation was prepared for the MHTTC Network under a cooperative agreement from the Substance Abuse and Mental Health Services Administration (SAMHSA). All material appearing in this presentation, except that taken directly from copyrighted sources, is in the public domain and may be reproduced or copied without permission from SAMHSA or the authors. Citation of the source is appreciated. Do not reproduce or distribute this presentation for a fee without specific, written authorization from the MHTTC Network Coordinating Office. This presentation will be recorded and posted on our website.

At the time of this presentation, Dr. Miriam E. Delphin-Rittmon served as Assistant Secretary for Mental Health and Substance Use in the U.S. Department of Health and Human Services (DHHS) and the Administrator of SAMHSA. The opinions expressed herein are the views of the speakers, and do not reflect the official position of DHHS or SAMHSA. No official support or endorsement of DHHS, SAMHSA, for the opinions described in this presentation is intended or should be inferred.



The MHTTC Network uses affirming, respectful and recovery-oriented language in all activities. That language is:

STRENGTHS-BASED AND HOPEFUL

INCLUSIVE AND
ACCEPTING OF
DIVERSE CULTURES,
GENDERS,
PERSPECTIVES,
AND EXPERIENCES

HEALING-CENTERED AND TRAUMA-RESPONSIVE

INVITING TO INDIVIDUALS PARTICIPATING IN THEIR OWN JOURNEYS

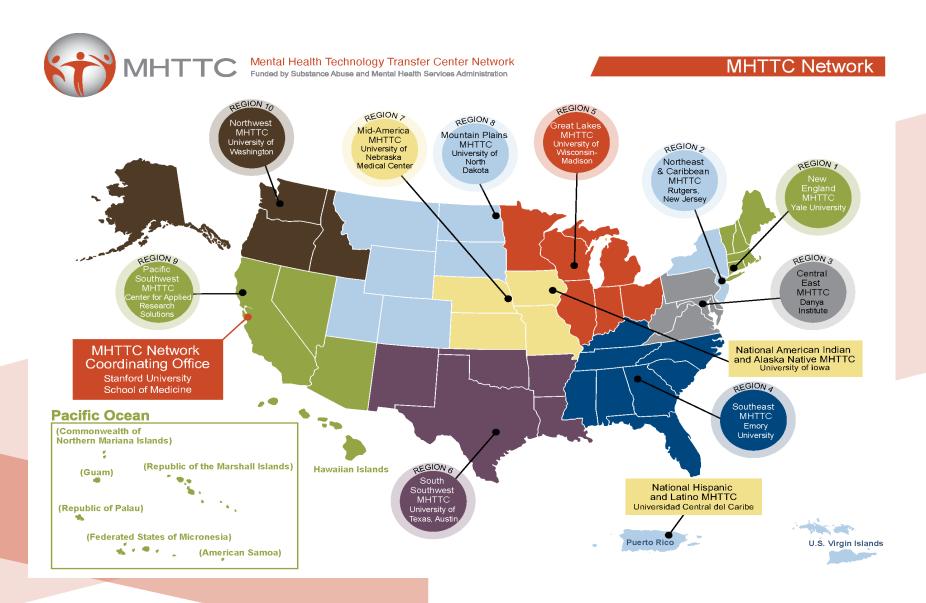
PERSON-FIRST AND FREE OF LABELS

NON-JUDGMENTAL AND AVOIDING ASSUMPTIONS

RESPECTFUL, CLEAR AND UNDERSTANDABLE

CONSISTENT WITH OUR ACTIONS, POLICIES, AND PRODUCTS

### Connect with Your MHTTC at www.mhttcnetwork.org



# National Mental Health and Substance Use Policy Laboratory

Identification and Management of Mental Health Effects Associated With Long COVID

July 20, 2023



### Welcome



Molly Sanborn
Public Health Advisor
SAMHSA

### **SAMHSA**ADVISORY

ubstance Abuse and Mental Health Services Administration

**JUNE 2023** 

#### IDENTIFICATION AND MANAGEMENT OF MENTAL HEALTH SYMPTOMS AND CONDITIONS ASSOCIATED WITH LONG COVID

The coronavirus disease of 2019 (COVID-19) is an infectious disease caused by the SARS-CoV-2 virus (severe acute respiratory syndrome coronavirus 2) that has affected billions of people globally. By May 2023, countries across the world had reported over 767 million COVID-19 cases; in the United States, over 104 million cases and 1.1 million

Estimated Incidence of Long COVID
Among Different Case Types<sup>1</sup>

Vaccinated: Non-hospitalized: Hospitalized: 10–12 percent 10–30 percent 50–70 percent

deaths had occurred.<sup>3</sup> Some people who get COVID-19 experience long-term effects from the virus and health problems that can last or emerge weeks, months, or even years after infection.<sup>4</sup> These post-COVID conditions (PCC) are most commonly known as Long COVID. PCC that are primarily a result of the viral infection are also referred to as post-acute sequela of SARS CoV-2 infection (PASC).<sup>4</sup>

From the start of the COVID-19 Public Health Emergency (PHE), primary care providers have been on the front line of care for individuals experiencing COVID-19 and have played a critical role in increasing our understanding of the disease. While the number of new cases continues to decrease, at least 10 percent of individuals may experience one or more symptoms of Long COVID.¹ Consequently, primary care providers can benefit from greater familiarity with Long COVID, and in particular, with its mental health conditions and related symptoms. These symptoms can include depression, anxiety, difficulty thinking or concentrating (sometimes referred to as "brain fog"), headache, sleep problems,⁴ and psychosis.⁵ In addition to these symptoms and conditions, pandemic-related stress and social isolation can increase the likelihood of alcohol consumption, substance use, and related deaths.⁵.⁵?

This advisory discusses the epidemiology of mental health symptoms and conditions of Long COVID and provides evidence-based resources for their treatment. While Long COVID also affects children and adolescents, most research to date has focused on adults. The guidance in this document reflects this existing knowledge base.



### Welcome



- Rear Admiral and Assistant Surgeon General in the U.S. Public Health Service
- Deputy Assistant Secretary for Science and Medicine (DAS-S & M) in the Office of the Assistant Secretary of Health

RADM Michael F. Iademarco, MD, MPH



### **Panelists**



RADM Michael F. Iademarco, MD, MPH

Deputy Assistant Secretary for Science and Medicine (DAS-S & M), Office of the Assistant Secretary of Health



Christopher (CJ) McKinney, PhD
Public Health Advisor
Center for Mental Health
Services,
Substance Abuse and Mental
Health Services Agency



Cynthia Adinig
Co-Founder BIPOC Equity Agency
Patient Advocate
Member of SolveME and the CoRE
Lived Experience Advisory Board at
Mt. Sinai



Elizabeth R. Unger, MD, PhD
Chief, Chronic Viral Diseases
Branch
Centers for Disease Control
and Prevention



### **Participant Poll**



Have you or anyone you know experienced symptoms of Long COVID?



### **Participant Poll**

"Have you or anyone you know experienced symptoms of Long COVID?"

<b>_</b>
<b>∟</b> Yes
☐I have experienced symptoms of
Long COVID
☐I know someone who has
experienced symptoms of Long
COVID
☐ I have experienced symptoms AND
someone I know has experienced
symptoms of Long COVID
□No
<b>_</b>
<b>⊿</b> I'm not sure



### **Defining Long COVID**

Signs, symptoms, and conditions that persist or develop after initial COVID-19 infection:

- 4+ weeks after the initial infection
- Multiple systems affected
- Pattern of relapse and remission and progression or worsening over time
- Possibility that severe and even lifethreatening events may occur months after infection
- Long COVID is not one condition. It represents many potentially overlapping entities, likely with different biological causes and sets of risk factors and outcomes.

Office of the Assistant Secretary for Health. (2022). *National research action plan on Long COVID*. Department of Health and Human Services.

https://www.COVID.gov/assets/files/National-Research-Action-Plan-on-Long-COVID-08012022.pdf

# Long COVID has impacted mental health



### RATES OF MENTAL HEALTH CONDITIONS ARE HIGHER IN LONG COVID AMONG CERTAIN PEOPLE:

Hospitalized

More severe COVID-19 illness

Longer duration of COVID-19 symptoms

Preexisting and comorbid psychiatric disorders

Black, Hispanic or Latino, and AI/AN people

Women



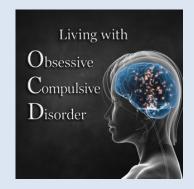




**Depression** 



**Sleep Disorders** 



OCD



**Psychotic Disorder** 



**PTSD** 



**Initial Onset of SUD** 



**Fatigue** 



**Anxiety** 

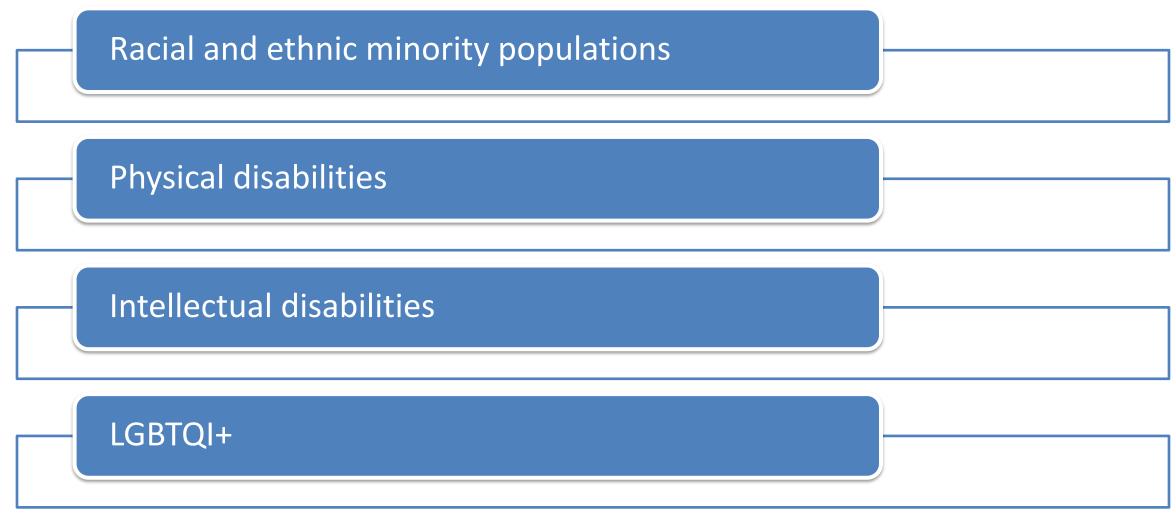


**Brain Fog** 

# MENTAL HEALTH SYMPTOMS AND CONDITIONS ASSOCIATED WITH LONG COVID



### **Inequities in Long COVID Risk**





### **Social Determinants of Health and Long COVID**



**Economic stability** 



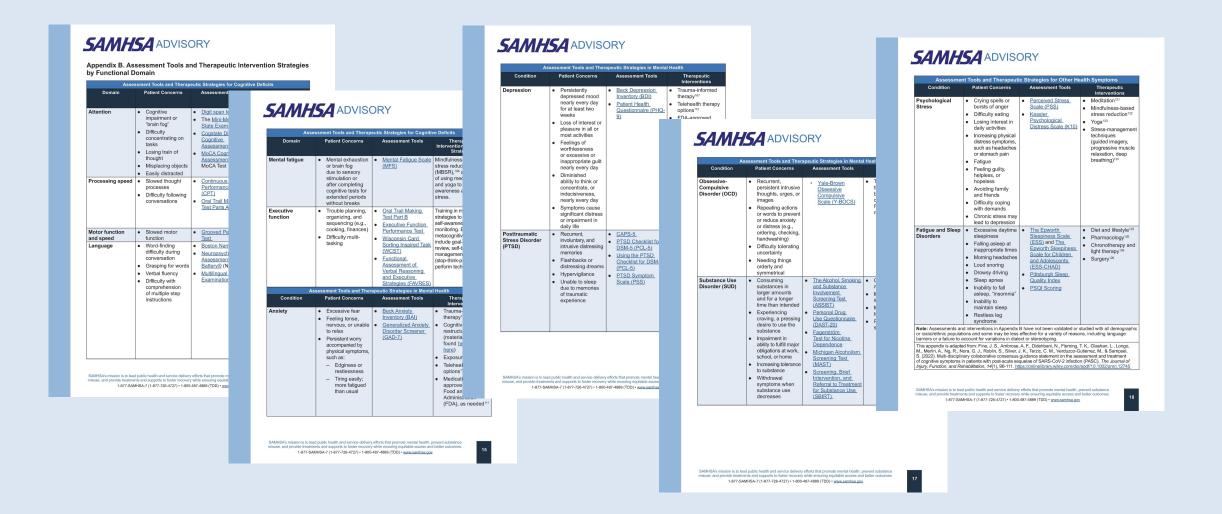
Healthcare access and quality



Neighborhood and built environment

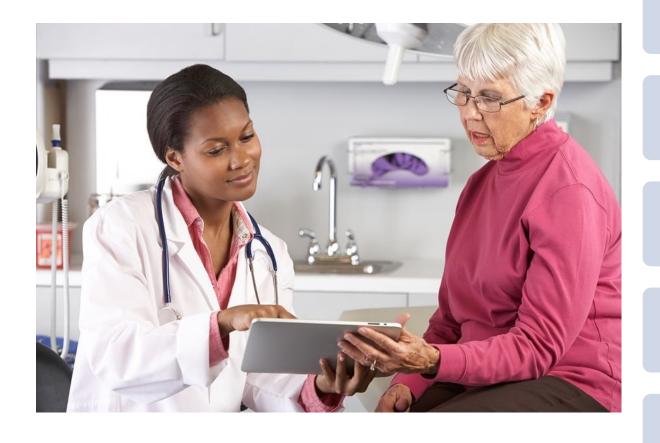


### **Assessing and Treating Mental Health Symptoms and Conditions**





### Other Useful Resources: Appendix C





**Patient Supports** 



Clinician Training Opportunities and Resources



**Federal Resources** 



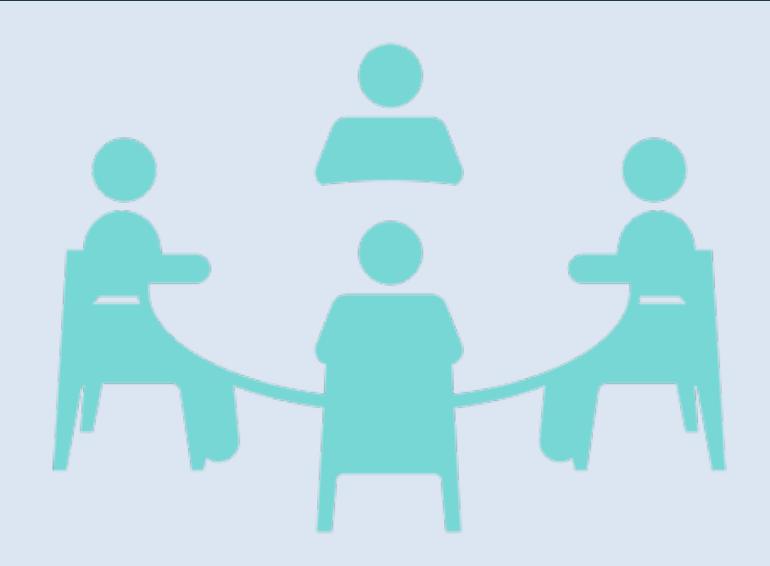
Trauma-Informed Approach



**Professional Associations** 



## **Roundtable Discussion**





### **Question One**



What are barriers patients face when seeking care for their Long COVID symptoms?



### **Question Two**

What are the best ways to connect resources to the people who need them?





### **Question Three**

What role have people with lived experience with Long COVID played in the government response and what role will they play moving forward?





# **Questions from Participants**



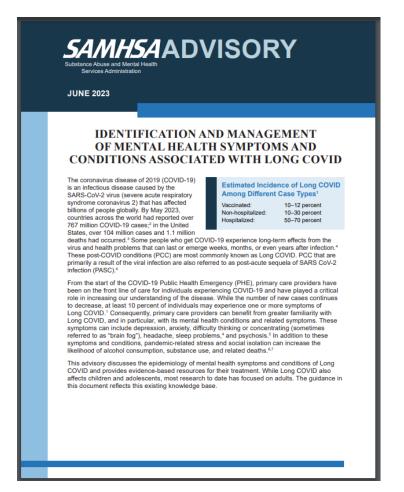


### **Long COVID Advisory**

 The advisory is available on the SAMHSA Store:

https://www.samhsa.gov/resource/ebp/identification-management-mental-health-symptoms-conditions-associated-long-covid

 For more information, contact ebprc@samhsa.hhs.gov





### **Next Steps**

The MHTTC Network is funded through SAMHSA to provide this training. As part of receiving this funding we are required to submit data related to the quality of this event.

Please take a moment to complete a **brief** survey about today's training.

Survey: <a href="https://ttc-gpra.org/P?s=990661">https://ttc-gpra.org/P?s=990661</a>

### Within a week:

- The recording of today's session will be available on <u>mhttcnetwork.org</u>.
- Attendees will receive a follow-up email with instructions for downloading a certificate of completion.



