

# Neuropsychiatric Symptoms in Post-Acute Sequelae of COVID-19 (PASC)

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## Introduction:

- There is an increase in first diagnosis of anxiety, PTSD, insomnia, and dementia in days 14-90 post-COVID infection
- ICU admissions result in higher risk of psychiatric complications; however, there is increased psychiatric sequelae, even with mild course of SARS-CoV-2 infection
- Few studies have reported on persisting neuropsychiatric symptoms of those with PASC

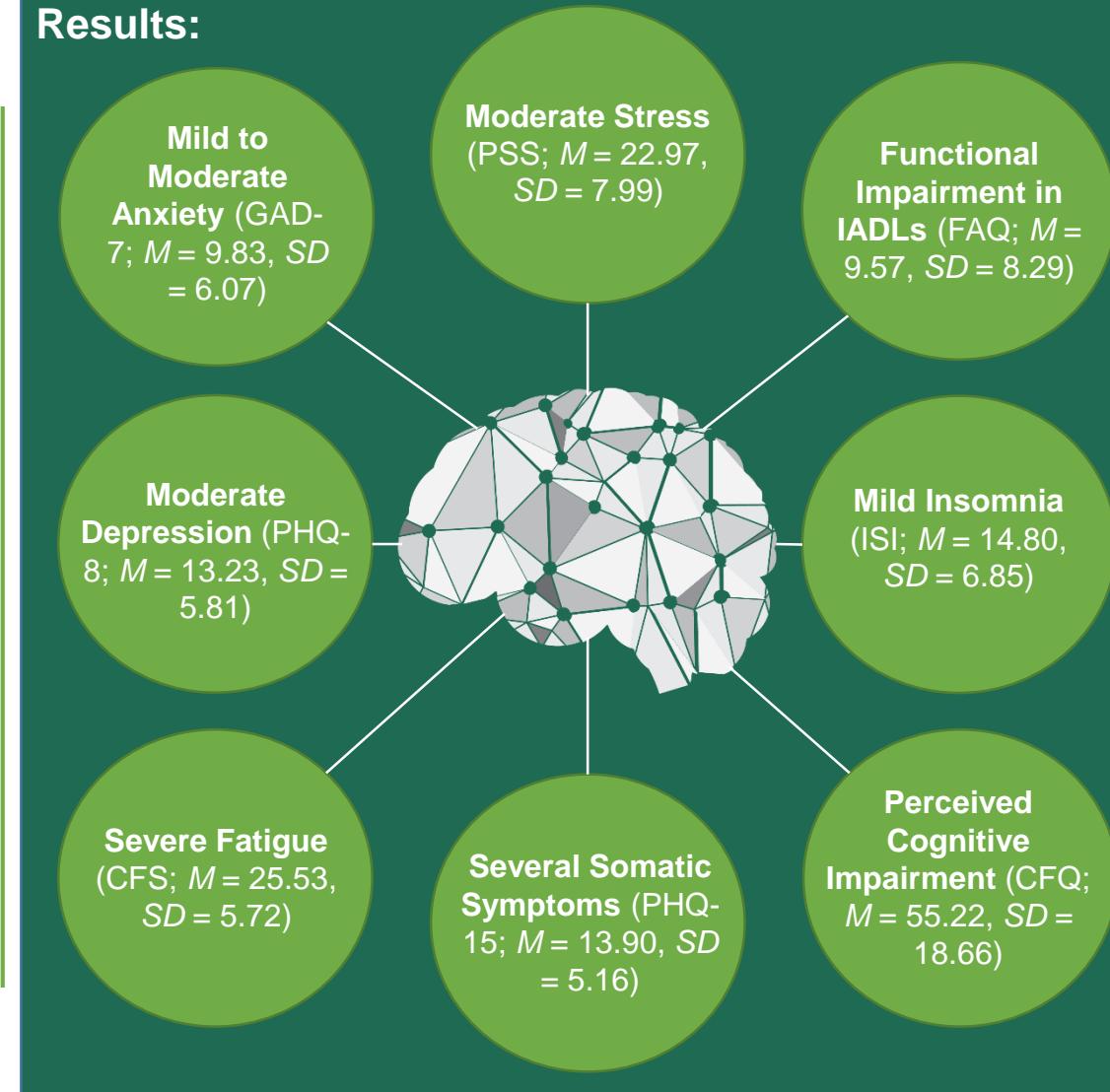
## Objective:

- To describe psychiatric symptoms in a sample of patients seeking treatment for “brain fog” related to Post-Acute Sequelae of COVID-19 (PASC)

## Method:

- This study examined 92 outpatients referred for neuropsychological evaluation from UAB Post-COVID Treatment Program
- Patients completed a battery of self-report questionnaires
- Patients were on average 49 years of age (range: 18 to 74), female (77%), and White/Caucasian (73%)/Black/African American (25%), with 15.49 years of education ( $SD = 2.43$ )

## Results:



## Conclusion:

- Patients seeking treatment for “long-COVID brain fog” report a variety of clinically significant psychiatric symptoms
- Such symptoms are known to affect cognitive function
- Future studies should incorporate behavioral, lifestyle, and psychological treatments to examine if brain fog symptoms can be alleviated with appropriate treatment of psychiatric symptoms
- Basic research into the underlying pathophysiologic processes & objective diagnostic markers of PASC is urgently needed

## Acknowledgments

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Check out our other posters and supplemental information regarding our UAB NueroCOVID Database here:

