



# COVID-19 Impact: Navigating the Potholes

This meeting will be recorded and will be available at [www.fmda.org/journalclub.php](http://www.fmda.org/journalclub.php)



# FMDA Journal Club

November 4, 2020

Alfonso Gonzalez-Rodriguez, MD – Special Guest

Diane Sanders-Cepeda, DO, CMD – Host

# Agenda

- COVID 19 State of The State
- Clinical Highlights
- Navigating the Potholes
- Open Discussion



# COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)



## Global Cases

**9,385,505**

### Cases by Country/Region/Sovereignty

**9,385,505** US

**8,313,876** India

**5,566,049** Brazil

**1,680,579** Russia

**1,461,391** France

**1,259,366** Spain

**1,195,276** Argentina

**1,099,392** Colombia

**1,077,099** United Kingdom

**938,405** Mexico

**902,503** Peru

**759,829** Italy

**728,836** South Africa

**646,164** Iran

Admin0 Admin1 Admin2

Last Updated at (M/D/YYYY)

**11/4/2020, 8:25 AM**



Cumulative Cases Active Cases Incidence Rate Case-Fatality Ratio Testing Rate

**190**

countries/regions

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Data sources: [Full list](#). Downloadable database: [GitHub](#), [Feature Layer](#).

Lead by JHU CSSE. Technical Support: [Esri Living Atlas team](#) and [JHU APL](#). Financial Support: [JHU](#), [NSF](#), [Bloomberg Philanthropies](#) and [Stavros Niarchos Foundation](#). Resource support: [Slack](#), [Github](#) and [AWS](#).

## Global Deaths

**232,638**

232,638 deaths  
US

## US State Level Deaths, Recovered

33,543 deaths, **79,990**  
recovered  
New York US

18,632 deaths, **792,286**  
recovered  
Texas US

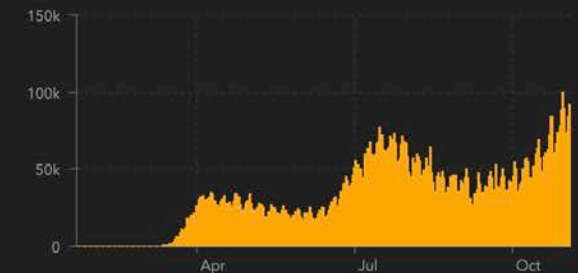
17,752 deaths, **recovered**  
California US

16,890 deaths, **recovered**  
Florida US

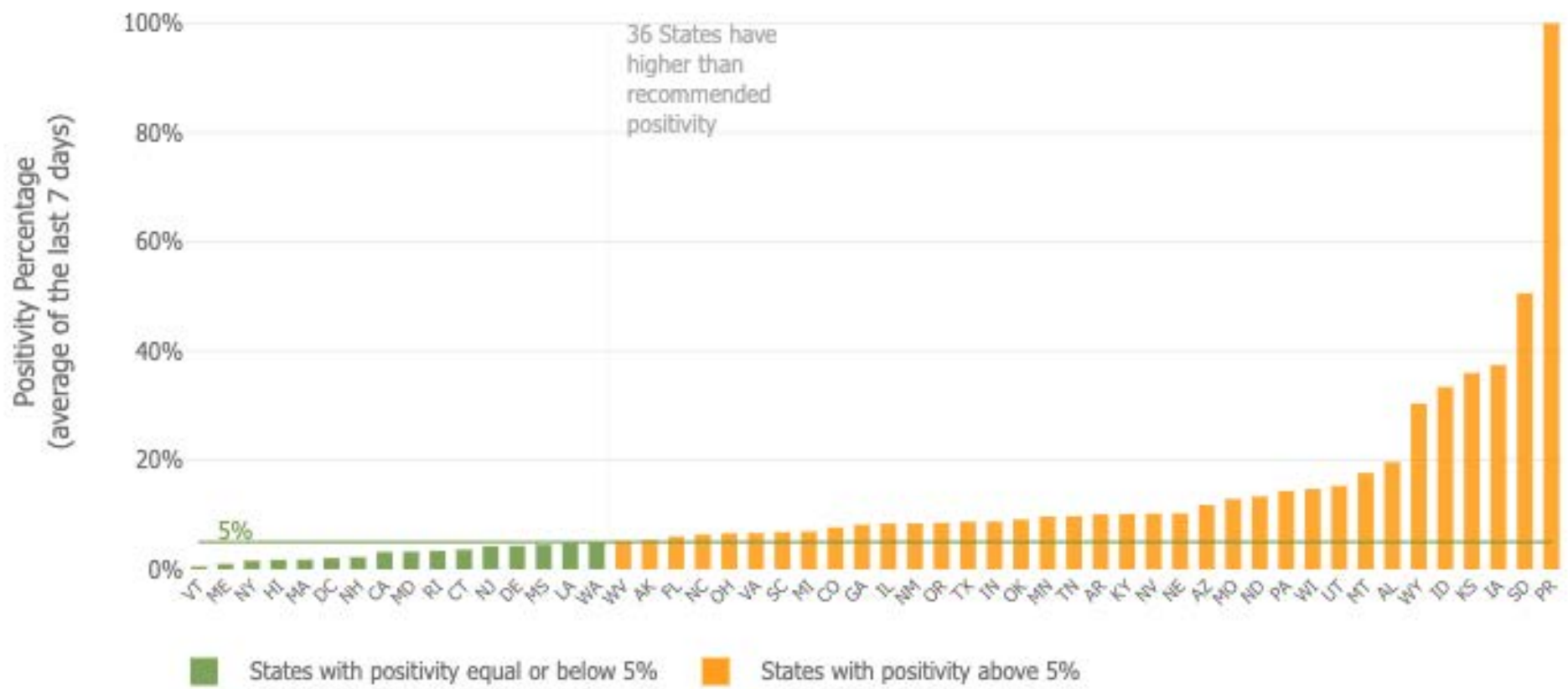
16,371 deaths, **37,394**  
recovered  
New Jersey US

Global Deaths

US Deaths, Recovered



Daily Cases





# Florida's COVID-19 Data and Surveillance Dashboard

Florida Department of Health, Division of Disease Control and Health Protection

Select a County



# Total Cases

# 816,700

Cumulative Data for Florida Residents:

# Positive Residents

# 805,924

# Resident Hospitalizations

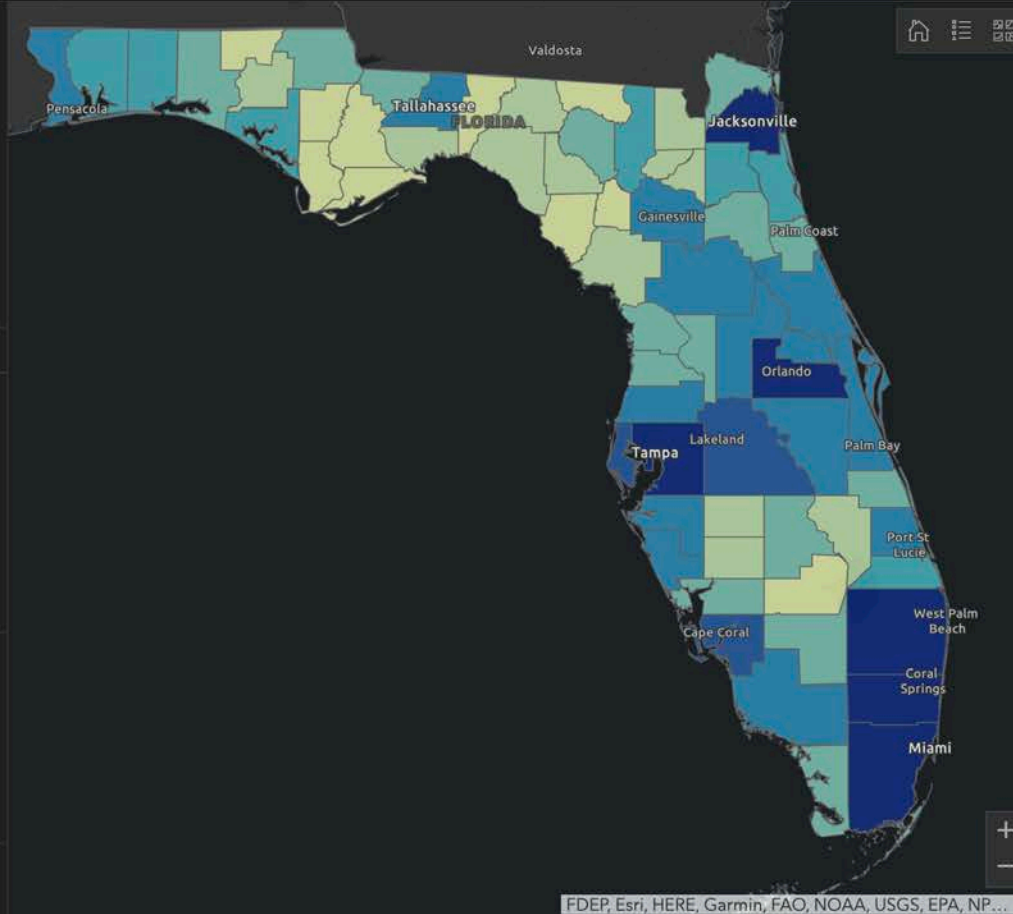
# 49,715

Florida Resident Deaths

# 16,890

Non-Resident Deaths

# 209



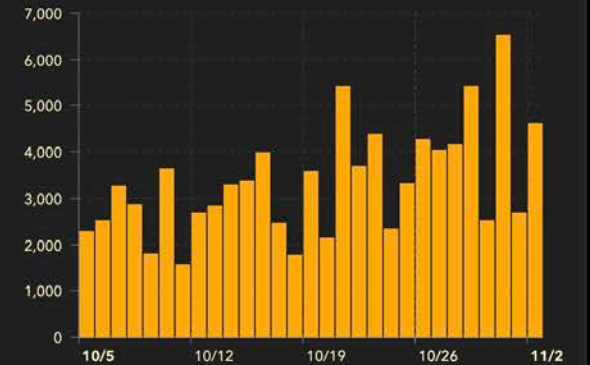
Comparison of counties is not possible because case data are not adjusted by population.

Data is updated every day at approximately 11 A.M. ET.

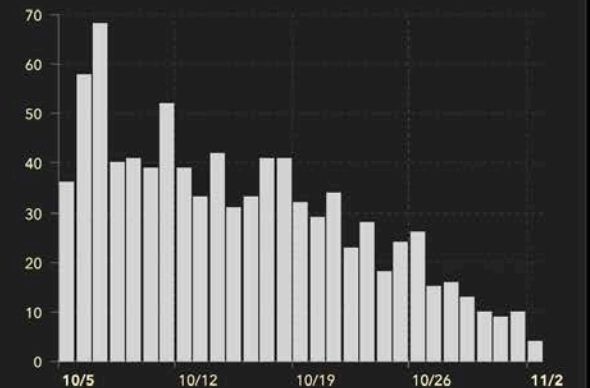
[Click here to access and download data](#)

## Recent Data for Florida Residents (Last 30 Days):

### New Cases of Residents by Day



### Resident Deaths by Date of Death



The Deaths by Day chart shows the total number of Florida residents with confirmed COVID-19 that died on each calendar day (12:00 AM - 11:59 PM). Death data often has significant delays in reporting, so data within the past two weeks will be updated

- Florida Cases
- Florida Testing
- Cases by County
- Rates Map
- Case Maps
- Cases by Zip Code
- Health Metrics
- USA and World



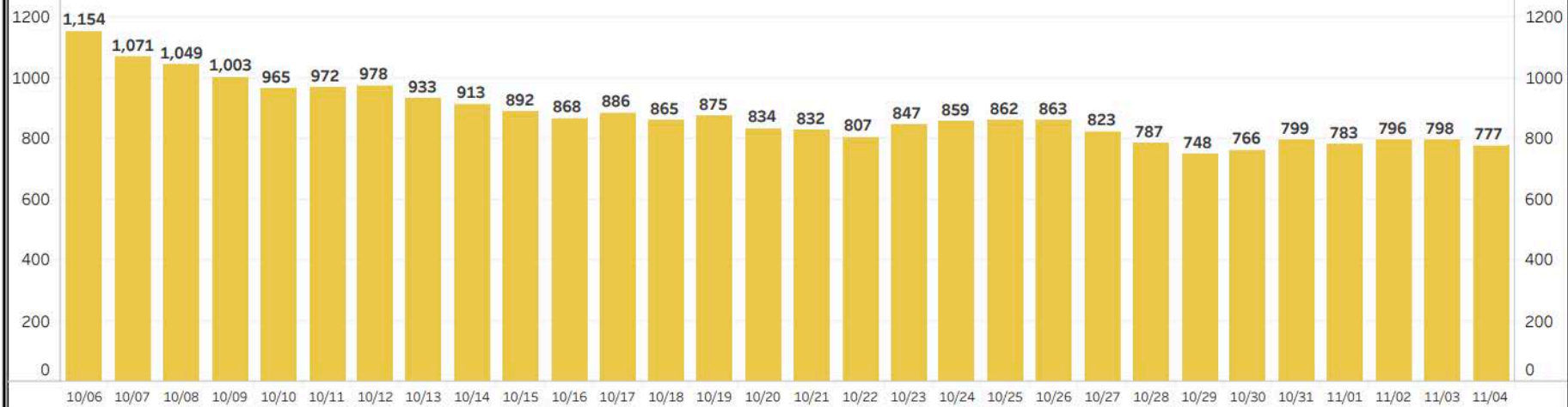


# COVID in LTC

Last Updated: 11/3/2020 5:15:26 PM

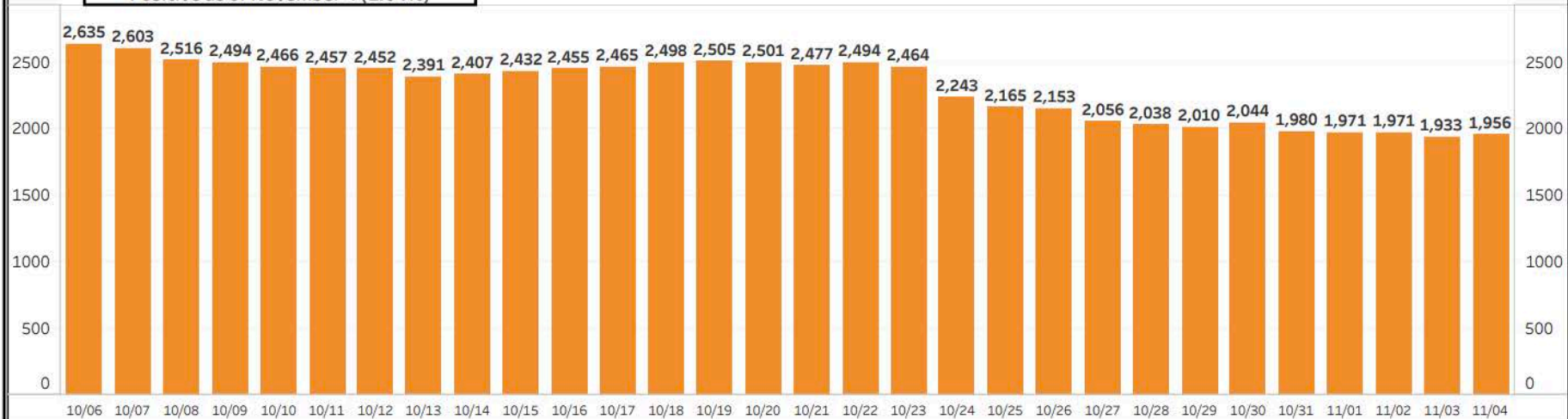
777 of 138,969 Total Residents  
Positive as of November 4 (0.56%)

## COVID Positive Residents (SNF & ALF)



1,956 of 187,633 Total Staff  
Positive as of November 4 (1.04%)

## COVID Positive Staff (SNF & ALF)



Data from AHCA ESS (Emergency Status System)

COVID positive residents and staff in Intermediate Care Facilities are not included in the bar chart totals. The data presented are reported by individual facilities and reporting errors may occur.



AT *The Atlantic*

Our Data

# The Long-Term Care COVID Tracker

**Less than 1% of America's population lives in long-term care facilities, but as of October 29, 2020, this tiny fraction of the country accounts for 40% of US COVID-19 deaths.**

## Cumulative

**547,924**  
Total cases

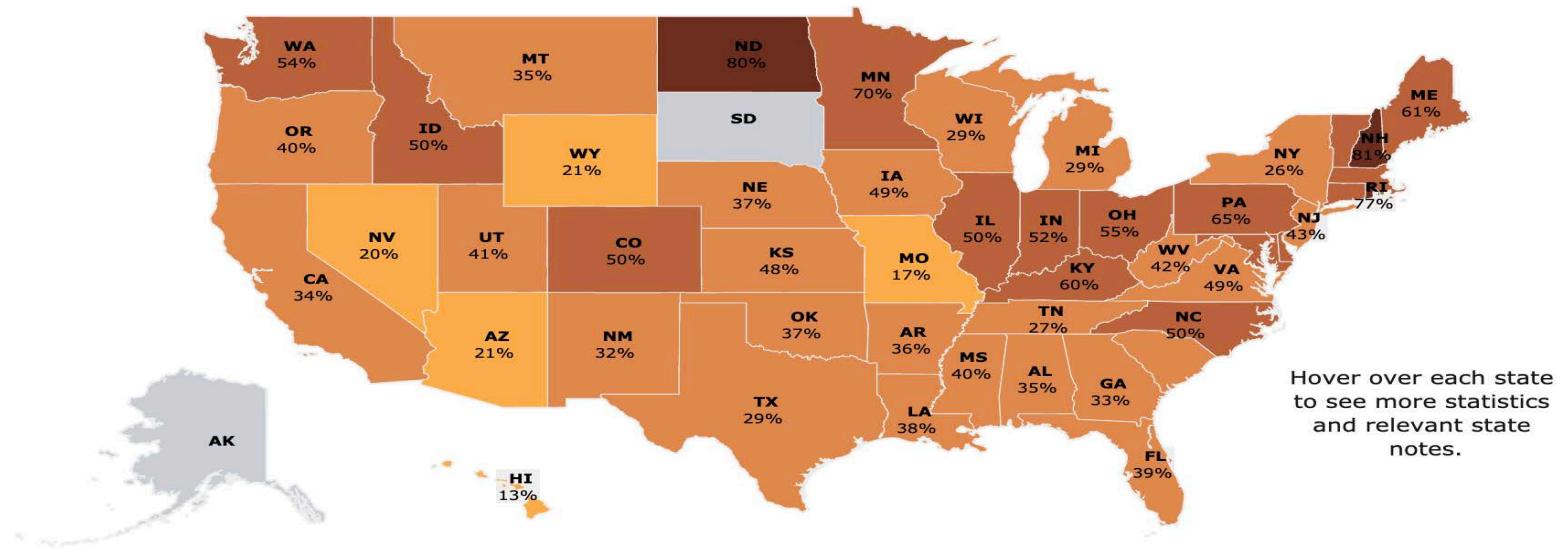
**88,910**  
Total deaths

**23,749**  
Total number of facilities affected



# Percent of COVID-19 deaths occurring in long-term care (LTC) facilities

■ Not reporting   ■ 25% or less   ■ 26-50%   ■ 51-75%   ■ Greater than 75%



Hover over each state to see more statistics and relevant state notes.

Note: Data was last collected by The COVID Tracking Project on October 29, 2020. AK, AS, AZ, GU, MO, MP, PR and SD do not report long-term care death data. AK and HI are not shown to scale.





# Clinical Highlights

---



The NEW ENGLAND JOURNAL of MEDICINE

CLINICAL PRACTICE

Caren G. Solomon, M.D., M.P.H., *Editor*

## Mild or Moderate Covid-19

Rajesh T. Gandhi, M.D., John B. Lynch, M.D., M.P.H., and Carlos del Rio, M.D.

*This Journal feature begins with a case vignette highlighting a common clinical problem. Evidence supporting various strategies is then presented, followed by a review of formal guidelines, when they exist. The article ends with the authors' clinical recommendations.*

	<b>Asymptomatic or Presymptomatic</b>	<b>Mild Illness</b>	<b>Moderate Illness</b>	<b>Severe Illness</b>	<b>Critical Illness</b>
<b>Features</b>	Positive SARS-CoV-2 test; no symptoms	Mild symptoms (e.g., fever, cough, or change in taste or smell); no dyspnea	Clinical or radiographic evidence of lower respiratory tract disease; oxygen saturation $\geq 94\%$	Oxygen saturation $< 94\%$ ; respiratory rate $\geq 30$ breaths/min; lung infiltrates $> 50\%$	Respiratory failure, shock, and multiorgan dysfunction or failure
<b>Testing</b>	Screening testing; if patient has known exposure, diagnostic testing	Diagnostic testing	Diagnostic testing	Diagnostic testing	Diagnostic testing
<b>Isolation</b>	Yes	Yes	Yes	Yes	Yes
<b>Proposed Disease Pathogenesis</b>	<p>Viral replication (blue arrow) spans from Asymptomatic/Presymptomatic to Severe Illness. Inflammation (red arrow) spans from Moderate Illness to Critical Illness.</p>				
<b>Potential Treatment</b>	Antiviral therapy			Antibody therapy	
		Antiinflammatory therapy			
<b>Management Considerations</b>	Monitoring for symptoms	Clinical monitoring and supportive care	Clinical monitoring; if patient is hospitalized and at high risk for deterioration, possibly remdesivir	Hospitalization, oxygen therapy, and specific therapy (remdesivir, dexamethasone)	Critical care and specific therapy (dexamethasone, possibly remdesivir)

**Table 2. SARS-CoV-2 Transmission According to Stage of Infection.**

Stage of Infection*	RNA Detectable in Respiratory Samples, Blood, and Feces	Viable Virus Detectable in Respiratory Samples	Transmission Can Occur	Mechanism of Transmission†						Minimum Recommended Level of Precautions
				Droplet	Natural Aerosol	Aerosol-Generating Procedure	Direct Contact	Indirect Contact	Enteric Route	
Presymptomatic or asymptomatic‡	Yes	Yes	Yes§	Yes	Strongly suspected	Strongly suspected	Suspected	Suspected	Unknown	Protection from droplet and contact transmission during routine care Protection from airborne and contact transmission during aerosol-generating procedure
Symptomatic	Yes	Yes	Yes	Yes	Yes	Yes	Strongly suspected	Suspected	Unknown	Protection from droplet and contact transmission during routine care Protection from airborne and contact transmission during aerosol-generating procedure
Post-acute symptomatic	Yes, often prolonged	No	No	No	No	No	No	No	No	Accordance with updated standard precautions, including use of eye protection (goggles or face shield) and medical mask





Alfonso Gonzalez-Rodriguez, MD

# Navigating the Potholes



# Points of Discussion

---

- Adhering to State & Local Guidance
- NH Visitations
- Leave of Absences/Holiday Passes
- Revisiting PPE concerns & shortages
- Managing Clinician's Workflow

A blurred, high-angle photograph of a desk. In the foreground, a black pen lies on a white notebook. To the right, a smartphone is partially visible. In the background, a ruler and some papers are scattered on the desk. The overall scene is dimly lit and out of focus, with the text 'Open Discussion' overlaid in the center.

# Open Discussion



THE FLORIDA SOCIETY  
FOR POST-ACUTE AND  
LONG-TERM  
CARE MEDICINE

**400 Executive Center Drive, Suite 208  
West Palm Beach, FL 33401**

**[www.fmda.org](http://www.fmda.org); [www.bestcarepractices.org](http://www.bestcarepractices.org)**



This meeting has been recorded and will be available at [www.fmda.org/journalclub.php](http://www.fmda.org/journalclub.php)