Abstract 1922

Outbreak and Management of COVID-19 and Infection Prevention Control Practices at a **Community Living Center in Veterans Administration Hospital, North Texas**

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Background

- System (VANTHCS).
- during a COVID-19 outbreak.

- practices (IPC) implemented to control the outbreak.
- medical record system.

- diagnosed COVID-19.



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Unit B Dementia unit	
Age in years, median [IQR]	
Male Sex	
Race White Black or African American Unknown Asian	
BMI (kg/m²) 18.5–24.9 (Healthy weight) 25–29.9 (overweight) ≥30 (obesity)	
Symptomatic status	

Table 1: Epidemiological Characteristics, and Outcomes of Laborate

Characteristics

Location

Unit A

cases (N=33)

Comorbidity	
Ischemic heart disease	
COPD	
Stroke	
ESRD	
Peripheral vascular disease	
Other ¹	

Number of Comorbidities

COVID-19 vaccination status Fully vaccinated (primary series) Vaccinated and boosted

Treatment Remdesivir Dexamethasone

Outcomes

Hospitalized outside CLC ICU Death

Abbreviation: BMI, body mass index; COPD, Chronic Obstructive Pulmonary Disease; ESRD, end stage renal disease. Other comorbidity (asthma n=1 and chronic liver disease n=2)

Results

•	Residents	were	cohorted	based	on	CC

- doffing of PPE.
- Medical providers worked with Infectious disease service and pharmacy to identify eligible patients for COVID-19 therapies.
- The median age was 76 years [IQR 71–80 years], 30 (90.9%) men, 25 (75.8%) white, and 5 (15.2%) African American (table 1).



- Overall, 28 (84.8%) were documented to be fully vaccinated against SARS-CoV-2 and 24 (72.7%) boosted.
- Obesity, ischemic heart disease, chronic obstructive pulmonary disease, and stroke were the most common comorbidities.
- CLC while 7 (21.2%) were hospitalized in the acute care hospital.
- remdesivir.
- and died; only 1 resident required ICU admission.

It is feasible to administer COVID-19 therapies to high-risk residents with mild-moderate disease in a CLC with a multidisciplinary team and IPC strategies.

ory-confirmed COVID-19	
n (%)	
19 (57.6%) 5 (15.2%) 9 (27.3%)	
76 [71-80]	
30 (90.9%)	
25 (75.8%) 5 (15.2%) 2 (6.1%) 1 (3.0%)	
7 (21.2%) 15 (45.5%) 11 (33.3%)	
19 (57.6%)	
8 (24.2%) 6 (18.2%) 6 (18.2%) 2 (6.1%) 2 (6.1%) 2(6.1%)	
17 (51.5%) 9 (27.3%) 5 (15.2%) 2 (6.1%)	
28 (84.8%) 24 (72.7%)	
25 (75.8%) 11 (33.3%)	
7 (21.2%) 1 (3.0%) 1 (3.0%)	

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Figure 2: Multidisciplinary collaboration and outbreak interventions

• Most residents were determined to have mild or moderate COVID-19 and managed at the • For management of COVID-19, 11 (33.3%) received dexamethasone and 25 (75.8%) received

Overall, 32 (97%) residents survived while one hospice resident was transferred to acute care

Conclusions

