

VIRGINIA DEPARTMENT OF HEALTH

Office of Licensure and Certification

Staff Analysis

April 27, 2020

Sentara Virginia Beach General Hospital (4/22/2020)

Virginia Beach, Virginia

Temporarily add 47 licensed intensive care unit beds at Sentara Virginia Beach General Hospital

Hospital

Sentara Virginia Beach General Hospital is located in the city of Virginia Beach, Virginia, in Planning District (PD) 20, Health Planning Region (HPR) V.

Background

On March 12, 2020, Governor Ralph Northam declared a state of emergency throughout Virginia in response to the coronavirus pandemic. Subsequent to this declared state of emergency, on March 20, 2020, Governor Northam signed Executive Order 52 (EO 52) providing that notwithstanding the provisions of Article 1.1 of Chapter 4 of Title 32.1 of the Code of Virginia the State Health Commissioner (Commissioner), at his discretion, may authorize any general hospital or nursing home to increase licensed bed capacity as determined necessary by the Commissioner to respond to increased demand for beds resulting from COVID-19. Such beds authorized by the Commissioner under EO 52 would, notwithstanding Virginia Code § 32.1-132, constitute licensed beds that do not require further approval or the issuance of a new license.

According to the 2018 data provided by Virginia Health Information (VHI), Sentara Virginia Beach General Hospital operates an inventory of 273 beds (**Table 1**). Sentara Virginia Beach General Hospital is taking all reasonable efforts to reduce inpatient census to free beds to respond to the COVID-19 crisis, including complying with the March 25, 2020 Order of Public Health Emergency 2.

Request

Sentara Virginia Beach General Hospital cites an emergent need to expand bed capacity due to the sudden and overwhelming increase in acute care cases resulting from COVID-19 infection. Specifically, Sentara Virginia Beach General Hospital requests authorization to temporarily add 47 licensed intensive care unit (ICU) beds. Sentara Virginia Beach General Hospital also intends to temporarily convert eleven of its existing medical/surgical beds to ICU beds, for a total resulting inventory of 58 ICU beds. The 47 requested beds will be distributed throughout Sentara Virginia Beach General Hospital, in spaces that are currently being utilized for patient care. The resulting bed configuration at Sentara Virginia Beach General Hospital is shown in **Table 1**.

Table 1: Sentara Virginia Beach General Hospital’s Requested Temporary Bed Inventory

Bed Classification	Licensed Beds	Requested Additional Beds	Resulting Available Beds
Adult ICU	24	47	71
Med/Surg	217	0	217
Medical Rehabilitation	8	0	8
Psychiatric – Other Adult	24	0	24
Total	273	47	320

Source: VHI (2018)

Considerations

In determining whether a need exists for the requested additional bed capacity, the State Health Commissioner established the following factors for consideration, when applicable.

1. Ongoing efforts to increase the availability of existing beds, such as suspension of elective procedures:

Sentara Virginia Beach General Hospital has made assurances that, in an effort to free up existing capacity, and in compliance with the March 25, 2020 Order of Public Health Emergency 2, they have suspended all elective procedures that, if delayed, are not anticipated to cause harm to the patient.

2. The availability of professional and ancillary staff to provide care in the additional beds:

Sentara Virginia Beach General Hospital has made assurances that it has the necessary professional staff to provide care in the additional beds. Sentara Virginia Beach General Hospital will take a phased, sequenced approach to open the additional ICU beds based on demand. As a system, Sentara Healthcare has developed alternate models of provider, nursing care, respiratory and other support services. The nursing care model will be expanded with registered nurses from the system resource pool as well as other Sentara Healthcare divisions.

3. The availability of medical supplies and personal protection equipment in the facility:

Sentara Virginia Beach General Hospital has made assurances that it has sufficient access to available medical supplies and personal protection equipment (PPE) in the facility. Sentara Virginia Beach General Hospital has acquired addition PPE and supplies through alternate vendors over the past three months. Additionally, using CDC-approved methods, Sentara Virginia Beach General Hospital is reprocessing N95 masks and other PPE. The Virginia Disaster Medical Advisory Committee (VDMAC) has suggested moving toward the adoption of crisis standards of care to, in part, preserve available supplies.

4. The specific plan for increasing bed capacity:

Sentara Virginia Beach General Hospital requests authorization to temporarily add 47 licensed ICU beds. Sentara Virginia Beach General Hospital also intends to temporarily convert eleven of its existing medical/surgical beds to ICU beds. The requested beds will be distributed throughout Sentara Virginia Beach General Hospital, in spaces that are currently being utilized for patient care. The additional licensed beds will either be used to care for COVID-19 patients directly or to supplement existing operations so that existing beds can be used for COVID-19 patients, depending on the nature and timing of patient demand.

5. Where the beds will be located and the life safety code considerations of the location:

Sentara Virginia Beach General Hospital intends to locate the requested beds throughout the existing facility in spaces that are currently being utilized for patient care, thereby continuing to meet all life safety code requirements for the type of patients expected to occupy the space.

6. The availability of beds at other community hospitals and nursing homes in the community:

Per the 2018 data provided by VHI, there are 2,850 licensed inpatient beds in PD 20, of which 343 are intensive care unit beds and 1,932 are medical/surgical beds. The overall bed capacity data does not inherently take into account the extent to which, due to the rapid rate of infection of COVID-19, how many new cases may arise, and thereby overwhelm Sentara Virginia Beach General Hospital's and the area's capacity to treat patients, thereby jeopardizing the quality of care for residents of PD 20. Sentara Virginia Beach General Hospital's proposal increases their bed capacity by 17%, and is a 2% increase in bed capacity in the planning district.

7. Other alternatives to adding bed capacity:

As discussed, given that Sentara Virginia Beach General Hospital has already provided assurances that they have suspended all elective procedures, as well as the difficulty in anticipating how many cases of COVID-19 may arise in PD 20, the addition of beds in an existing medical care facility space represents the best option.

8. The current state of COVID-19 in the community:

At the time of this writing, the Virginia Department of Health reports that Virginia has 13,535 cases of COVID-19, the illness caused by the virus, and 458 deaths.¹ To date, the Centers for Disease Control and Prevention has confirmed 928,619 cases in the United States, with 52,459 deaths.² Virginia Beach Health District currently has 355 confirmed cases, with an additional 398 patients in the surrounding jurisdictions.

¹ <http://www.vdh.virginia.gov/coronavirus/>

² https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fcases-in-us.html

Findings and Conclusions

Sentara Virginia Beach General Hospital requests authorization to temporarily add 47 additional ICU beds. The requested beds will be located within existing space currently used for patient service. Sentara Virginia Beach General Hospital has demonstrated that the rapid rise in COVID-19 cases has created an emergent need for a temporary increase in bed capacity. In the absence of a temporary increase to bed capacity in the planning district, it is conceivable that the continued rise of COVID-19 cases could overwhelm the hospital's capacity to treat patients, thereby jeopardizing the quality of care for residents of PD 20, and limit the ability of health care providers to adequately treat and limit the spread of the virus.

Staff Recommendations

The Division of Certificate of Public Need recommends the **approval** of Sentara Healthcare's request to temporarily add 47 licensed ICU beds at Sentara Virginia Beach General Hospital. This staff recommendation is based on the following findings.

1. Sentara Virginia Beach General Hospital has demonstrated that, due to the reasonable expectation of a sudden and overwhelming increase in acute care patients resulting from COVID-19 infection, Sentara Virginia Beach General Hospital has an immediate need to temporarily add 47 licensed intensive care unit beds.
2. Sentara Virginia Beach General Hospital's plan for training and shifting ambulatory staff is a reasonable solution for staffing the additional beds.
3. Sentara Virginia Beach General Hospital's plan and ability to obtain equipment and supplies is reasonable within the confines of the current crisis.
4. Sentara Virginia Beach General Hospital's plan to expand bed capacity in existing hospital space throughout the campus assures patient safety is maintained from a fire and life safety code perspective.