

#### DEPARTMENT OF VETERANS AFFAIRS

## OFFICE OF INSPECTOR GENERAL

Office of Healthcare Inspections

VETERANS HEALTH ADMINISTRATION

Comprehensive Healthcare Inspection of the Miami VA Healthcare System in Florida

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Figure 1. Miami VA Healthcare System in Florida.

Source: <u>https://vaww.va.gov/directory/guide/</u> (accessed March 9, 2021).

### **Abbreviations**

ADPCS Associate Director for Patient Care Services

CHIP Comprehensive Healthcare Inspection Program

CLC community living center

COVID-19 coronavirus disease

EUA Emergency Use Authorization

FDA Food and Drug Administration

FY fiscal year

OIG Office of Inspector General

QSV quality, safety, and value

RN registered nurse

SAIL Strategic Analytics for Improvement and Learning

TJC The Joint Commission

VHA Veterans Health Administration

VISN Veterans Integrated Service Network



### **Report Overview**

This Office of Inspector General (OIG) Comprehensive Healthcare Inspection Program (CHIP) report provides a focused evaluation of the quality of care delivered in the inpatient and outpatient settings of the Miami VA Healthcare System and multiple outpatient clinics in Florida. The inspection covers key clinical and administrative processes that are associated with promoting quality care.

Comprehensive healthcare inspections are one element of the OIG's overall efforts to ensure that the nation's veterans receive high quality and timely VA healthcare services. The inspections are performed approximately every three years for each facility. The OIG selects and evaluates specific areas of focus each year.

The OIG team looks at leadership and organizational risks, and at the time of the inspection, focused on the following additional seven areas:

- 1. COVID-19 pandemic readiness and response<sup>1</sup>
- 2. Quality, safety, and value
- 3. Registered nurse credentialing
- 4. Medication management (targeting remdesivir use)
- 5. Mental health (focusing on emergency department and urgent care center suicide risk screening and evaluation)
- 6. Care coordination (spotlighting inter-facility transfers)
- 7. High-risk processes (examining the management of disruptive and violent behavior)

The OIG conducted an unannounced virtual review of the Miami VA Healthcare System during the week of March 15, 2021. The OIG held interviews and reviewed clinical and administrative processes related to specific areas of focus that affect patient outcomes. Although the OIG reviewed a broad spectrum of processes, the sheer complexity of VA medical facilities limits inspectors' ability to assess all areas of clinical risk. The findings presented in this report are a snapshot of the healthcare system's performance within the identified focus areas at the time of the OIG review. Although it is difficult to quantify the risk of patient harm, the findings in this report may help this healthcare system and other Veterans Health Administration (VHA)

<sup>&</sup>lt;sup>1</sup> "Naming the Coronavirus Disease (COVID-19) and the Virus that Causes It," World Health Organization, accessed August 25, 2020, <a href="https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/naming-the-coronavirus-disease-(covid-2019)-and-the-virus-that-causes-it.">https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/naming-the-coronavirus-disease-(covid-2019)-and-the-virus-that-causes-it.</a> COVID-19 (coronavirus disease) is an infectious disease caused by the "severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)."

facilities identify vulnerable areas or conditions that, if properly addressed, could improve patient safety and healthcare quality.

#### **Inspection Results**

The OIG noted opportunities for improvement in several areas reviewed and issued five recommendations to the System Director, Chief of Staff, and Associate Director for Patient Care Services. These opportunities for improvement are briefly described below.

#### Leadership and Organizational Risks

At the time of the OIG's virtual review, the healthcare system's leadership team consisted of the Director, Chief of Staff, interim Associate Director for Patient Care Services, Associate Director, and Assistant Director. Organizational communications and accountability were managed through a committee reporting structure, with Executive Leadership Board oversight of several working groups. The Performance Improvement Sub-Committee was responsible for tracking and trending quality of care and patient outcomes.

When the team conducted this inspection, the associate director for patient care services position had been vacant since April 2019 and filled by two different interim staff. The Chief of Staff, assigned in November 2011, was the most tenured leader. The Associate Director, who was assigned in July 2020, was the newest member of the executive leadership team.

The OIG reviewed employee survey results and concluded that staff responses were generally positive. However, scores for the associate director for patient care services position, which had been filled in an interim capacity for nearly two years, reflected opportunities for improvement. Selected patient experience survey scores generally reflected higher inpatient and patient-centered medical home care ratings than the VHA average, but opportunities existed to improve specialty care. Overall, patients appeared satisfied with the care provided.

The inspection team also reviewed accreditation agency findings, sentinel events, and disclosures of adverse patient events and did not identify any substantial organizational risk factors.<sup>2</sup>

The VA Office of Operational Analytics and Reporting adopted the Strategic Analytics for Improvement and Learning (SAIL) Value Model to help define performance expectations within VA with "measures on healthcare quality, employee satisfaction, access to care, and efficiency." Despite noted limitations for identifying all areas of clinical risk, the data are presented as one

<sup>&</sup>lt;sup>2</sup> VHA Directive 1190, *Peer Review for Quality Management*, November 21, 2018. A sentinel event is an incident or condition that results in patient "death, permanent harm, or severe temporary harm and intervention required to sustain life."

<sup>&</sup>lt;sup>3</sup> "Strategic Analytics for Improvement and Learning (SAIL) Value Model," VHA Support Service Center, accessed March 6, 2020, <a href="https://vssc.med.va.gov/">https://vssc.med.va.gov/</a>. (This is an internal website not publicly accessible.)

way to understand the similarities and differences between the top and bottom performers within VHA.<sup>4</sup>

The executive leaders were knowledgeable within their scope of responsibilities about VHA data and/or system-level factors contributing to poor performance on specific SAIL measures. In individual interviews, the executive leadership team members were able to speak about actions taken during the previous 12 months to maintain or improve organizational performance, employee satisfaction, or patient experiences.

#### **COVID-19 Pandemic Readiness and Response**

The OIG will report the results of the COVID-19 pandemic readiness and response evaluation for this healthcare system and other facilities in a separate publication to provide stakeholders with a more comprehensive picture of regional VHA challenges and ongoing efforts.

#### **Medication Management**

The OIG observed compliance with many elements of expected performance, including availability of staff to receive remdesivir shipments, completion of required testing prior to remdesivir administration, and reporting of adverse events. However, the OIG found deficiencies with the provision of patient/caregiver education.

#### **Coordination of Care**

The healthcare system complied with requirements for an inter-facility transfer policy and nurse-to-nurse communication between facilities. However, the OIG identified deficiencies with monitoring and evaluating inter-facility transfers, using the *Inter-Facility Transfer Form* or facility-defined equivalent and completing all required elements, and sending patients' active medication lists and advance directives to receiving facilities.<sup>5</sup>

#### **High-Risk Processes**

The OIG determined that the healthcare system complied with many of the requirements for the management of disruptive and violent behavior. However, the OIG noted that the required prevention and management of disruptive behavior training had not been completed by all employees.

<sup>&</sup>lt;sup>4</sup> "Strategic Analytics for Improvement and Learning (SAIL) Value Model," VHA Support Service Center, accessed March 6, 2020, <a href="https://vssc.med.va.gov/">https://vssc.med.va.gov/</a>. (This is an internal website not publicly accessible.)

<sup>&</sup>lt;sup>5</sup> VHA Directive 1094, *Inter-Facility Transfer Policy*, January 11, 2017. A completed VA *Inter-Facility Transfer Form* or an equivalent note communicates critical information to facilitate and ensure safe, appropriate, and timely transfer. Critical elements include documentation of patients' informed consent, medical and/or behavioral stability, mode of transportation and appropriate level of care required, identification of transferring and receiving physicians, and proposed level of care after transfer.

#### Conclusion

The OIG conducted a detailed inspection across eight key areas (two administrative and six clinical) and subsequently issued five recommendations for improvement to the System Director, Chief of Staff, and Associate Director for Patient Care Services. However, the number of recommendations should not be used as a gauge for the overall quality of care provided at this system. The intent is for system leaders to use the recommendations to help guide improvements in operations and clinical care. The recommendations address issues that may eventually interfere with the delivery of quality health care.

#### **Comments**

The Veterans Integrated Service Network Director and System Director agreed with the comprehensive healthcare inspection findings and recommendations and provided acceptable improvement plans (see appendixes G and H, pages 59–60, and the responses within the body of the report for the full text of the directors' comments.) The OIG will follow up on the planned actions for the open recommendations until they are completed.

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for Healthcare Inspections

# **Contents**

Abbreviations	ii
Report Overview	iii
Inspection Results	iv
Purpose and Scope	1
Methodology	3
Results and Recommendations	4
Leadership and Organizational Risks	4
COVID-19 Pandemic Readiness and Response	25
Quality, Safety, and Value	26
Registered Nurse Credentialing	29
Medication Management: Remdesivir Use in VHA	31
Mental Health: Emergency Department and Urgent Care Center Suicide Risk Scre  Evaluation	· ·
Coordination of Care: Inter-facility Transfers	36
Recommendation 1	37
Recommendation 2	38
Recommendation 3	39
Recommendation 4	39
High-Risk Processes: Management of Disruptive and Violent Behavior	41

Recommendation 5	42
Report Conclusion	44
Appendix A: Comprehensive Healthcare Inspection Program Recommendations	45
Appendix B: Healthcare System Profile	48
Appendix C: VA Outpatient Clinic Profiles	50
Appendix D: Patient Aligned Care Team Compass Metrics	53
Appendix E: Strategic Analytics for Improvement and Learning (SAIL) Metric Definitions	55
Appendix F: Community Living Center (CLC) Strategic Analytics for Improvement and	
Learning (SAIL) Measure Definitions	57
Appendix G: VISN Director Comments	59
Appendix H: Healthcare System Director Comments	60
OIG Contact and Staff Acknowledgments	61
Report Distribution	62



### **Purpose and Scope**

The purpose of the Office of Inspector General (OIG) Comprehensive Healthcare Inspection Program (CHIP) is to conduct routine oversight of VA medical facilities that provide healthcare services to veterans. This report's evaluation of the quality of care delivered in the inpatient and outpatient settings of the Miami VA Healthcare System examines a broad range of key clinical and administrative processes associated with positive patient outcomes. The OIG reports its findings to Veterans Integrated Service Network (VISN) and healthcare system leaders so that informed decisions can be made to improve care.<sup>1</sup>

Effective leaders manage organizational risks by establishing goals, strategies, and priorities to improve care; setting expectations for quality care delivery; and promoting a culture to sustain positive change.<sup>2</sup> Effective leadership has been cited as "among the most critical components that lead an organization to effective and successful outcomes." Figure 2 illustrates the direct relationships between leadership and organizational risks and the processes used to deliver health care to veterans.

Because of the COVID-19 pandemic, the OIG converted this site visit to a virtual review, paused physical inspection steps (especially those involved in the environment of care-focused review topic), and initiated a COVID-19 pandemic readiness and response evaluation.

As such, to examine risks to patients and the organization, the OIG focused on core processes in the following eight areas of administrative and clinical operations (see figure 2):<sup>4</sup>

- 1. Leadership and organizational risks
- 2. COVID-19 pandemic readiness and response<sup>5</sup>
- 3. Quality, safety, and value (QSV)
- 4. Registered nurse credentialing

<sup>&</sup>lt;sup>1</sup> VA administers healthcare services through a network of 18 regional offices nationwide referred to as the Veterans Integrated Service Network.

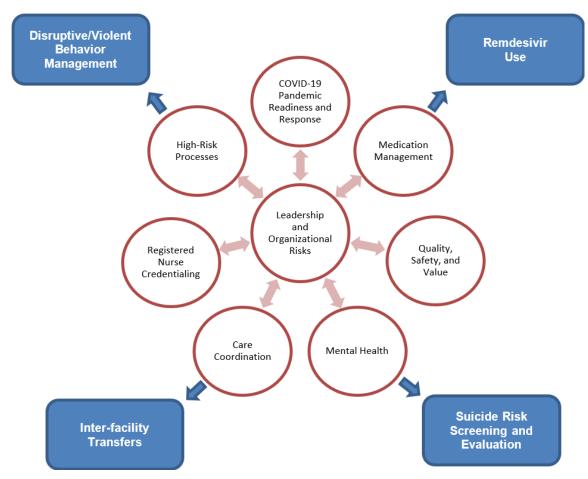
<sup>&</sup>lt;sup>2</sup> Anam Parand et al., "The role of hospital managers in quality and patient safety: a systematic review," *British Medical Journal*, 4, no. 9, (September 5, 2014), <a href="https://doi.org/10.1136/bmjopen-2014-005055">https://doi.org/10.1136/bmjopen-2014-005055</a>.

<sup>&</sup>lt;sup>3</sup> Danae Sfantou et al., "Importance of Leadership Style Towards Quality of Care Measures in Healthcare Settings: A Systematic Review," *Healthcare (Basel)* 5, no. 4, (October 14, 2017): 73, <a href="https://doi.org/10.3390/healthcare5040073">https://doi.org/10.3390/healthcare5040073</a>.

<sup>&</sup>lt;sup>4</sup> Virtual CHIP site visits address these processes during fiscal year 2021 (October 1, 2020, through September 30, 2021); they may differ from prior years' focus areas.

<sup>&</sup>lt;sup>5</sup> "Naming the Coronavirus Disease (COVID-19) and the Virus that Causes It," World Health Organization, accessed August 25, 2020, <a href="https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/naming-the-coronavirus-disease-(covid-2019)-and-the-virus-that-causes-it.">https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/naming-the-coronavirus-disease-(covid-2019)-and-the-virus-that-causes-it.</a> COVID-19 (coronavirus disease) is an infectious disease caused by the "severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)."

- 5. Medication management (targeting remdesivir use)
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**Figure 2**. Fiscal year (FY) 2021 comprehensive healthcare inspection of operations and services. Source: VA OIG.

### **Methodology**

The Miami VA Healthcare System includes multiple outpatient clinics located in Florida. Additional details about the types of care provided by the healthcare system can be found in appendixes B and C.

To determine compliance with the Veterans Health Administration (VHA) requirements related to patient care quality and clinical functions, the inspection team reviewed OIG-selected clinical records, administrative and performance measure data, and accreditation survey reports.<sup>6</sup> The team also interviewed executive leaders and discussed processes, validated findings, and explored reasons for noncompliance with staff.

The inspection examined operations from June 10, 2017, through March 19, 2021, the last day of the unannounced multiday evaluation. During the virtual review, the OIG did not receive any complaints beyond the scope of the inspection.

The OIG will report the results of the COVID-19 pandemic readiness and response evaluation for this healthcare system and other facilities in a separate publication to provide stakeholders with a more comprehensive picture of regional VHA challenges and ongoing efforts.

Oversight authority to review the programs and operations of VA medical facilities is authorized by the Inspector General Act of 1978.<sup>8</sup> The OIG reviews available evidence within a specified scope and methodology and makes recommendations to VA leaders, if warranted. Findings and recommendations do not define a standard of care or establish legal liability.

This report's recommendations for improvement address problems that can influence the quality of patient care significantly enough to warrant OIG follow-up until the healthcare system completes corrective actions. The System Director's responses to the report recommendations appear within each topic area. The OIG accepted the action plans that system leaders developed based on the reasons for noncompliance.

The OIG conducted the inspection in accordance with OIG procedures and Quality Standards for Inspection and Evaluation published by the Council of the Inspectors General on Integrity and Efficiency.

<sup>&</sup>lt;sup>6</sup> The OIG did not review VHA's internal survey results and instead focused on OIG inspections and external surveys that affect facility accreditation status.

<sup>&</sup>lt;sup>7</sup> The range represents the time period from the prior CHIP site visit to the completion of the unannounced, multiday virtual CHIP visit in March 2021.

<sup>&</sup>lt;sup>8</sup> Pub. L. No. 95-452, 92 Stat 1101, as amended (codified at 5 U.S.C. App. 3).

#### **Results and Recommendations**

#### **Leadership and Organizational Risks**

Stable and effective leadership is critical to improving care and sustaining meaningful change within a VA healthcare system. Leadership and organizational risks can affect a healthcare system's ability to provide care in the clinical focus areas. To assess this healthcare system's risks, the OIG considered several indicators:

- 1. Executive leadership position stability and engagement
- 2. Budget and operations
- 3. Staffing
- 4. Employee satisfaction
- 5. Patient experience
- 6. Accreditation surveys and oversight inspections
- 7. Identified factors related to possible lapses in care and the healthcare system response
- 8. VHA performance data (healthcare system)
- 9. VHA performance data (community living center (CLC))<sup>10</sup>

#### **Executive Leadership Position Stability and Engagement**

Because each VA facility organizes its leadership structure to address the needs and expectations of the local veteran population it serves, organizational charts may differ across facilities. Figure 3 illustrates this healthcare system's reported organizational structure. The healthcare system had a leadership team consisting of the Director, Chief of Staff, Associate Director for Patient Care Services (ADPCS), Associate Director, and Assistant Director. The Chief of Staff and ADPCS oversaw patient care, which required managing service directors and chiefs of programs and practices.

<sup>&</sup>lt;sup>9</sup> Laura Botwinick, Maureen Bisognano, and Carol Haraden, *Leadership Guide to Patient Safety*, Institute for Healthcare Improvement, Innovation Series White Paper, 2006.

<sup>&</sup>lt;sup>10</sup> VHA Directive 1149, *Criteria for Authorized Absence, Passes, and Campus Privileges for Residents in VA Community Living Centers*, June 1, 2017. CLCs, previously known as nursing home care units, provide a skilled nursing environment and a variety of interdisciplinary programs for persons needing short- and long-stay services.

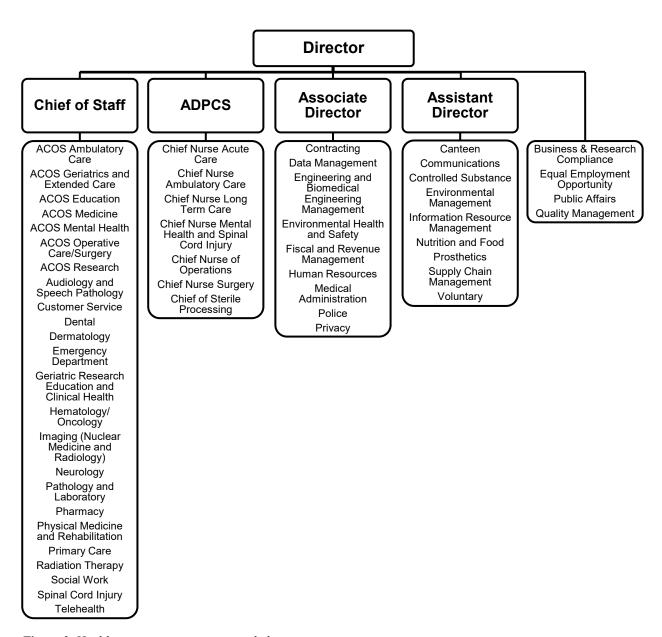


Figure 3. Healthcare system organizational chart.

Source: Miami VA Healthcare System (received March 15, 2021).

ACOS = Associate Chief of Staff.

At the time of the OIG inspection, the ADPCS position had been vacant since April 2019 and was filled by two different interim staff. The Director reported being methodical with hiring key staff for vacancies and supporting employees serving in an interim capacity as a sustainable practice for succession planning. The other executive leaders were permanently assigned (see table 1).

**Table 1. Executive Leader Assignments** 

Leadership Position	Assignment Date
System Director	July 7, 2019
Chief of Staff	November 20, 2011
Associate Director for Patient Care Services	February 2, 2020 (interim)
Associate Director	July 19, 2020
Assistant Director	June 24, 2018

Source: Miami VA Healthcare System Chief, Human Resources Officer (received March 15 and April 19, 2021).

To assess the healthcare system executive leaders' engagement, the OIG interviewed the System Director, Chief of Staff, interim ADPCS, Associate Director, and Assistant Director regarding their knowledge of various performance metrics and their involvement and support of actions to improve or sustain performance.

The executive leaders were knowledgeable within their scope of responsibilities about VHA data and/or system-level factors contributing to poor performance on specific Strategic Analytics for Improvement and Learning (SAIL) measures. In individual interviews, the executive leadership team members discussed actions taken during the previous 12 months to maintain or improve organizational performance, employee satisfaction, or patient experiences. These are discussed in greater detail below.

The Director served as the chairperson of the Executive Leadership Board, which had the authority and responsibility to establish policy, maintain quality care standards, and perform organizational management and strategic planning. The Executive Leadership Board oversaw various working groups, such as the Administrative and Nurse Executive Boards and Medical Executive Council. These leaders monitored patient safety and care through the Performance Improvement Sub-Committee, which was responsible for tracking and trending quality of care and patient outcomes and reported to the Executive Leadership Board (see figure 4).

#### **Executive Leadership Board Medical Executive Administrative Nurse Executive Executive Board** Council **Board** Clinical Barcode Compliance Committee Care Giver Support Steering Consult Management and Access Committee Committee Multidisciplinary Committee Construction Committee Evidence Based Practice **Education & Training** Clinical Informatics Committee **Environment of Care-Safety** Nursing Research Council Committee Compounded Sterile Products Committee Falls Committee **Equal Employment Opportunity** Advisory Committee Equipment & Integrated Committee Planning Committee Dementia Committee Get Well Network Committee Integrated Ethics Interdisciplinary Skin Prosthetics Programs Dialysis/End Stage Renal Disease Committee Committee/Skin Wound Performance Improvement Revenue Committee Ostomy Team Sub-Committee Disruptive Behavior Committee Space and Move Committee Nurse Executive Council Resource Management Board **Extended Care Quality** Textile Care Committee Nurse Recognition, Recruitment & Retention Council Veterans & Employees Improvement **VA Voluntary Services** Experience Committee Geriatric Research Education and Clinical Center Advisory Nutrition & Food Committee Committee Health Promotion & Disease Professional Development Prevention Council Professional Practice Council Infection Control Reusable Medical Equipment Medical Records Committee Committee Medication Management Veterans' Health Education (Pharmacy & Therapeutics) Committee Information Committee Mental Health Council Operative and Invasive Procedures Committee Pain Management Committee Patient Safety Committee Peer Review Committee Prevention of Amputation in Veterans Everywhere Professional Standards Board Committee Research and Development Committee Residency Review Committee **Utilization Management** Committee Virtual Care/Telehealth Advisory Committee Women's Veteran Health Committee

Figure 4. Healthcare system committee reporting structure.

Source: Miami VA Healthcare System (received March 15, 2021).

#### **Budget and Operations**

The healthcare system's FY 2020 annual medical care budget of \$745,632,802 increased almost 25 percent compared to the previous year's budget of \$597,888,934. When asked about the effect of this change on the healthcare system's operations, the Director indicated that the increased budget enabled the system to obtain personal protective and other equipment and hire additional staff. The System Director reported being thoughtful in using funds received during

<sup>&</sup>lt;sup>11</sup> VHA Support Service Center.

the pandemic and focusing on patient care. The Director also stated that the funds were used to provide security and environmental management service contracts to supplement staffing.

#### **Staffing**

The Veterans Access, Choice, and Accountability Act of 2014 required the OIG to determine, on an annual basis, the VHA occupations with the largest staffing shortages. <sup>12</sup> Under the authority of the VA Choice and Quality Employment Act of 2017, the OIG conducts annual determinations of clinical and nonclinical VHA occupations with the largest staffing shortages within each medical facility. <sup>13</sup> In addition, the OIG has demonstrated a linkage between staffing shortages and negative effects on patient care delivery. <sup>14</sup>

Table 2 provides the top facility-reported clinical and nonclinical occupational shortages as noted in the *OIG Determination of Veterans Health Administration's Occupational Staffing Shortages, Fiscal Year 2020.*<sup>15</sup> System leaders confirmed some of the occupations listed in table 2 remained the top clinical and nonclinical shortages at the time of the OIG inspection. During individual interviews, system leaders discussed challenges and strategies related to clinical and nonclinical occupational shortages. Key challenges included hiring competition from community and university hospitals, nurses retiring, high cost of living, limited housing, and high turnover in nonclinical positions.

Leaders reported using the following strategies to overcome hiring barriers: promoting from within, skills training, expanding the nurse residency program to include training in primary care, recruitment incentives for hard to fill positions, succession planning by having staff serve in an interim capacity, using contracts to hire travel nurses and security and environmental management services personnel, hiring medical support assistants and nursing staff with COVID-19 funding, hiring part-time staff, conducting virtual recruitment fairs, partnering with local community colleges and health technical schools for recruitment, and implementing a nurse practitioner mental health residency program through the Office of Academic Affiliations.

<sup>&</sup>lt;sup>12</sup> Veterans Access, Choice, and Accountability Act of 2014, Pub. L. No. 113-146 (2014).

<sup>&</sup>lt;sup>13</sup> VA Choice and Quality Employment Act of 2017, Pub. L. No. 115-46 (2017); VA OIG, *OIG Determination of Veterans Health Administration's Occupational Staffing Shortages, Fiscal Year 2020*, Report No. 20-01249-259, September 23, 2020.

<sup>&</sup>lt;sup>14</sup> VA OIG, *Critical Deficiencies at the Washington DC VA Medical Center*, Report No. 17-02644-130, March 7, 2018.

<sup>&</sup>lt;sup>15</sup> VA OIG, OIG Determination of Veterans Health Administration's Occupational Staffing Shortages, Fiscal Year 2020.

Table 2. Top Facility-Reported Clinical and Nonclinical Staffing Shortages

Top Clinical Staffing Shortages	Top Nonclinical Staffing Shortages
1. Hematology/Oncology	Custodial Worker
2. Primary Care	2. Medical Supply Aide and Technician
Health Aid and Technician	3. Air Conditioning Equipment Mechanic
4. RN Staff, Peri-Operative	4. Biomedical Engineering
5. Practical Nurse	5. Pipefitting

Source: VA OIG.

#### **Employee Satisfaction**

The All Employee Survey "is an annual, voluntary, census survey of VA workforce experiences. The data are anonymous and confidential." Since 2001, the instrument has been refined several times in response to VA leaders' inquiries on VA culture and organizational health. <sup>17</sup> Although the OIG recognizes that employee satisfaction survey data are subjective, they can be a starting point for discussions, indicate areas for further inquiry, and be considered along with other information on healthcare system leaders.

To assess employee attitudes toward healthcare system leaders, the OIG reviewed employee satisfaction survey results from VHA's All Employee Survey from October 1, 2019, through September 30, 2020. Table 3 provides relevant survey results for VHA, the healthcare system, and selected executive leaders. It summarizes employee attitudes toward the leaders as expressed in VHA's All Employee Survey. The OIG found the healthcare system average for the selected survey leadership questions was similar to or higher than the VHA average. The leaders' averages, with the exception of the ADPCS, were similar to or higher than VHA and the healthcare system. Survey scores for the ADPCS position, which had been vacant since April 2019, reflected opportunities for improvement.

System leaders discussed the importance of strengthening open communication, building connections and trust, breaking down silos, and promoting teamwork. The Chief of Staff described the importance of identifying emotional stressors and meeting with staff, particularly

18 Ratings are based on responses by employees who report to or are aligned under the Director, Chief of Staff,

<sup>&</sup>lt;sup>16</sup> "AES Survey History," VA Workforce Surveys Portal, VHA Support Service Center, accessed May 3, 2021, <a href="http://aes.vssc.med.va.gov/Documents/04\_AES\_History\_Concepts.pdf">http://aes.vssc.med.va.gov/Documents/04\_AES\_History\_Concepts.pdf</a>. (This is an internal website not publicly accessible.)

<sup>&</sup>lt;sup>17</sup> "AES Survey History."

ADPCS, Associate Director, and Assistant Director. The 2020 All Employee Survey results are not fully representative of employee satisfaction with the Associate Director, who assumed the role July 2020.

<sup>&</sup>lt;sup>19</sup> The OIG makes no comment on the adequacy of the VHA average for each selected survey element. The VHA average is used for comparison purposes only.

during the pandemic. For example, during the pandemic, the system had a psychologist regularly check on staff. The Associate Director described conducting daily huddles, providing developmental opportunities for staff, and collaborating with Diversity and Inclusion workgroups. The Assistant Director described promoting team communication and celebrating small wins with staff. The interim ADPCS acknowledged two challenges affecting nursing services: the uncharted territory of the pandemic and having several people serve as interim ADPCS. While the leaders described the pandemic as morally distressing, they reported implementing wellness strategies, in collaboration with staff psychologists, to promote a better work-life balance.

The interim ADPCS reported that a VISN initiative offering pandemic-related incentive pay for some nursing groups created distress among other nursing staff. The interim ADPCS stated it was difficult for nurses who did not receive this pay incentive to understand that they were valued. The interim ADPCS indicated that system leaders worked to find other ways to support their staff. The Director spoke of communicating and engaging stakeholders through virtual town halls, emails, and huddles. The Director also described working from the largest community-based outpatient clinic one Friday per month.

Table 3. Survey Results on Employee Attitudes toward Healthcare System Leaders (October 1, 2019, through September 30, 2020)

Questions/ Survey Items	Scoring	VHA Average	Health- care System Average	Director Average	Chief of Staff Average	Average	Assoc. Director Average	Asst. Director Average
All Employee Survey: Servant Leader Index Composite.*	0–100 where higher scores are more favorable	73.8	74.6	77.7	84.3	59.3	80.9	76.5
All Employee Survey: In my organization, senior leaders generate high levels of motivation and commitment in the workforce.	1 (Strongly Disagree)–5 (Strongly Agree)	3.5	3.6	3.9	4.0	3.0	3.5	4.2

Questions/ Survey Items	Scoring	VHA Average	Health- care System Average	Director Average		ADPCS Average	Director	Asst. Director Average
All Employee Survey: My organization's senior leaders maintain high standards of honesty and integrity.	1 (Strongly Disagree)–5 (Strongly Agree)	3.6	3.7	4.2	4.0	3.1	3.8	4.3
All Employee Survey: I have a high level of respect for my organization's senior leaders.	1 (Strongly Disagree)–5 (Strongly Agree)	3.7	3.9	4.1	4.1	4.0	3.7	4.5

Source: VA All Employee Survey (accessed February 16, 2021).

Table 4 summarizes employee attitudes toward the workplace as expressed in VHA's All Employee Survey.<sup>20</sup> The healthcare system average for the selected survey questions was generally similar to or better than the VHA average. However, there are opportunities for the ADPCS to reduce employees' feelings of moral stress at work (uncertainty about the right thing to do or being able to carry out what you believed to be the right thing).

Table 4. Survey Results on Employee Attitudes toward the Workplace (October 1, 2019, through September 30, 2020)

Questions/Survey Items		VHA Average		Average		_	Director	Asst. Director Average
All Employee Survey: I can disclose a suspected violation of any law, rule, or regulation without fear of reprisal.	1 (Strongly Disagree)– 5 (Strongly Agree)	3.8	3.8	4.3	4.2	4.1	4.0	4.3

<sup>\*</sup>The Servant Leader Index is a summary measure based on respondents' assessments of their supervisors' listening, respect, trust, favoritism, and response to concerns.

<sup>&</sup>lt;sup>20</sup> Ratings are based on responses by employees who report to or are aligned under the Director, Chief of Staff, ADPCS, Associate Director, and Assistant Director.

Questions/Survey Items	Scoring	VHA Average	Health- care System Average		Chief of Staff Average	ADPCS Average	Director	Asst. Director Average
All Employee Survey: Employees in my workgroup do what is right even if they feel it puts them at risk (e.g., risk to reputation or promotion, shift reassignment, peer relationships, poor performance review, or risk of termination).	1 (Strongly Disagree)– 5 (Strongly Agree)	3.8	3.8	4.0	4.2	4.0	3.9	4.1
All Employee Survey: In the past year, how often did you experience moral distress at work (i.e., you were unsure about the right thing to do or could not carry out what you believed to be the right thing)?	0 (Never)– 6 (Every Day)	1.4	1.3	1.4	0.9	2.4	0.5	1.3

Source: VA All Employee Survey (accessed February 16, 2021).

VHA leaders have articulated that the agency "is committed to a harassment-free healthcare environment." To this end, leaders initiated the "End Harassment" and "Stand Up to Stop Harassment Now!" campaigns to help create a culture of safety where staff and patients feel secure and respected.<sup>22</sup>

System leaders discussed the importance of meeting with staff regularly, keeping the lines of communication open, and maintaining a zero-harm environment where harassment is not tolerated. The Director reported a signed poster is visible in each community-based outpatient clinic to promote a harassment-free workplace.

<sup>&</sup>lt;sup>21</sup> "Stand Up to Stop Harassment Now!" Department of Veterans Affairs, accessed December 8, 2020, <a href="https://vaww.insider.va.gov/stand-up-to-stop-harassment-now/">https://vaww.insider.va.gov/stand-up-to-stop-harassment-now/</a>. Executive in Charge, Office of Under Secretary for Health Memorandum, *Stand Up to Stop Harassment Now*, October 23, 2019.

<sup>&</sup>lt;sup>22</sup> "Stand Up to Stop Harassment Now!"

Table 5 summarizes employee perceptions related to respect and discrimination based on VHA's All Employee Survey responses. The healthcare system averages were the same as the VHA averages. Generally, the executive leadership team's averages for the selected survey questions were better than the VHA averages. However, opportunities exist for the ADPCS to improve employee perceptions of respect within the workgroup. Overall, leaders appeared to maintain an environment where discrimination was not tolerated, and staff could discuss problems or tough issues.

Table 5. Survey Results on Employee Attitudes toward Workgroup Relationships (October 1, 2019, through September 30, 2020)

Questions/ Survey Items	Scoring	VHA Average	Health- care System Average		Chief of Staff Average	ADPCS Average		Asst. Director
All Employee Survey: People treat each other with respect in my workgroup.	1 (Strongly Disagree)– 5 (Strongly Agree)	3.9	3.9	4.1	4.4	3.6	4.4	4.1
All Employee Survey: Discrimination is not tolerated at my workplace.	1 (Strongly Disagree)– 5 (Strongly Agree)	4.1	4.1	4.5	4.5	4.1	4.4	4.6
All Employee Survey: Members in my workgroup are able to bring up problems and tough issues.	1 (Strongly Disagree)– 5 (Strongly Agree)	3.8	3.8	4.1	4.3	4.0	4.4	4.0

Source: VA All Employee Survey (accessed February 16, 2021).

#### **Patient Experience**

To assess patient experiences with the healthcare system, which directly reflect on its leaders, the OIG team reviewed survey results from October 1, 2019, through September 30, 2020. VHA's Patient Experiences Survey Reports provide results from the Survey of Healthcare Experiences of Patients program. VHA uses industry standard surveys from the Consumer Assessment of Healthcare Providers and Systems program to evaluate patients' experiences with their health care and support benchmarking its performance against the private sector.

VHA also collects Survey of Healthcare Experiences of Patients data from Inpatient, Patient-Centered Medical Home, and Specialty Care surveys. The OIG reviewed responses to three

relevant survey questions that reflect patients' attitudes toward their healthcare experiences. Table 6 provides relevant survey results for VHA and the healthcare system. <sup>23</sup> For this healthcare system, the overall patient satisfaction survey results reflected higher scores than the VHA average for inpatient and patient-centered medical home care. However, opportunities for improvement exist within the area of specialty care.

Table 6. Survey Results on Patient Experience (October 1, 2019, through September 30, 2020)

Questions	Scoring	VHA Average	Miami VA Health- care System Average
Survey of Healthcare Experiences of Patients (inpatient): Would you recommend this hospital to your friends and family?	The response average is the percent of "Definitely Yes" responses.	69.5	74.2
Survey of Healthcare Experiences of Patients (outpatient Patient-Centered Medical Home): Overall, how satisfied are you with the health care you have received at your VA facility during the last 6 months?	The response average is the percent of "Very satisfied" and "Satisfied" responses.	82.5	83.5
Survey of Healthcare Experiences of Patients (outpatient specialty care): Overall, how satisfied are you with the health care you have received at your VA facility during the last 6 months?	The response average is the percent of "Very satisfied" and "Satisfied" responses.	84.8	81.6

Source: VHA Office of Quality and Patient Safety, Analytics and Performance Integration, Performance Measurement (accessed December 21, 2020).

In 2019, women were estimated to represent 10.1 percent of the total veteran population in the United States, and it is projected that women will represent 17.8 percent of living veterans by 2048.<sup>24</sup> For these reasons, it is important for VHA to provide accessible and inclusive care for women veterans.

The OIG reviewed selected responses to several additional relevant questions that reflect patients' experiences by gender, including those for Inpatient, Patient-Centered Medical Home,

<sup>&</sup>lt;sup>23</sup> Ratings are based on responses by patients who received care at this healthcare system.

<sup>&</sup>lt;sup>24</sup> "Veteran Population," Table 1L: VetPop2018 Living Veterans by Age Group, Gender, 2018-2048, National Center for Veterans Analysis and Statistics, accessed November 30, 2020, <a href="https://www.va.gov/vetdata/Veteran">https://www.va.gov/vetdata/Veteran</a> Population.asp.

and Specialty Care surveys (see tables 7–9). Inpatient results for male and female respondents were consistently more favorable than corresponding VHA averages. Patient-centered medical home survey results indicated female respondents reported greater satisfaction than female patients nationally. Specialty care survey results highlighted opportunities to improve access to care and patient satisfaction with providers for male and female respondents.

System leaders described the Get Well Network as one source of inpatient satisfaction. The Get Well Network allows patients to communicate concerns or requests (such as housekeeping requests) in real time. Additionally, the Assistant Director described the Quiet Night Initiative. As part of this initiative, each patient receives a packet containing ear plugs, a sleep mask, and lip balm to provide comfort and promote a more restful environment. Further, the Director described frequent leadership rounds and having the same staff deliver food trays to patients as additional ways to promote inpatient satisfaction.

System leaders reported efforts to improve female patient experiences, including recently hiring two gynecologists and ensuring women's health primary care providers are available in each community-based outpatient clinic. The Chief of Staff discussed opening a restricted area for female veterans, which included a play area for children. Several leaders spoke about hosting baby showers. The Chief of Staff explained that in vitro fertilization was one area of female dissatisfaction but described how the Women's Health Coordinator diligently worked to find obstetric care and in vitro fertilization services in the community.

To further enhance patient satisfaction, the Chief of Staff continues clinical responsibilities, including calls, patient appointments, and surgery. The Associate Director described the role of the Veterans Experience Committee and increasing telehealth modalities as ways to enhance veteran satisfaction within the healthcare system. The Director also reported conducting rounds as an undercover boss by sitting in waiting rooms and asking veterans, "How long have you been waiting to be seen?"

Table 7. Inpatient Survey Results on Experiences by Gender (October 1, 2019, through September 30, 2020)

Questions	Scoring	VHA*		Healthcare System	
		Male Average	Female Average	Male Average	Female Average
Would you recommend this hospital to your friends and family?	The measure is calculated as the percentage of responses in the top category (Definitely yes).	69.8	64.5	74.6	68.0
During this hospital stay, how often did doctors treat you with courtesy and respect?	The measure is calculated as the percentage of responses that fall in the top category (Always).	84.5	84.8	87.2	87.7
During this hospital stay, how often did nurses treat you with courtesy and respect?	The measure is calculated as the percentage of responses that fall in the top category (Always).	85.1	83.3	85.3	91.0

Source: VHA Office of Quality and Patient Safety, Analytics and Performance Integration, Performance Measurement (accessed December 20, 2020).

The healthcare system averages are based on 386–392 male and 31 female respondents, depending on the question.

<sup>\*</sup>The VHA averages are based on 48,907–49,521 male and 2,395–2,423 female respondents, depending on the question.

Table 8. Patient-Centered Medical Home Survey Results on Patient Experiences by Gender (October 1, 2019, through September 30, 2020)

Questions	Scoring	VHA*		Healthcare System		
		Male Average	Female Average	Male Average	Female Average	
In the last 6 months, when you contacted this provider's office to get an appointment for care you needed right away, how often did you get an appointment as soon as you needed?	The measure is calculated as the percentage of responses that fall in the top category (Always).	51.3	44.0	56.9	61.4	
In the last 6 months, when you made an appointment for a check-up or routine care with this provider, how often did you get an appointment as soon as you needed?	The measure is calculated as the percentage of responses that fall in the top category (Always).	59.5	53.0	55.3	57.9	
Using any number from 0 to 10, where 0 is the worst provider possible and 10 is the best provider possible, what number would you use to rate this provider?	The reporting measure is calculated as the percentage of responses that fall in the top two categories (9, 10).	74.0	68.9	83.5	80.7	

Source: VHA Office of Quality and Patient Safety, Analytics and Performance Integration, Performance Measurement (accessed December 20, 2020).

The healthcare system averages are based on 474–1,334 male and 53–104 female respondents, depending on the question.

<sup>\*</sup>The VHA averages are based on 74,278–223,617 male and 6,158–13,836 female respondents, depending on the question.

Table 9. Specialty Care Survey Results on Patient Experiences by Gender (October 1, 2019, through September 30, 2020)

Questions	Scoring	VHA*		Healthcare System	
		Male Average	Female Average	Male Average	Female Average
In the last 6 months, when you contacted this provider's office to get an appointment for care you needed right away, how often did you get an appointment as soon as you needed?	The measure is calculated as the percentage of responses that fall in the top category (Always).	50.5	47.3	52.5	34.0
In the last 6 months, when you made an appointment for a check-up or routine care with this provider, how often did you get an appointment as soon as you needed?	The measure is calculated as the percentage of responses that fall in the top category (Always).	57.4	54.3	50.7	63.1
Using any number from 0 to 10, where 0 is the worst provider possible and 10 is the best provider possible, what number would you use to rate this provider?	The reporting measure is calculated as the percentage of responses that fall in the top two categories (9, 10).	75.1	72.2	73.9	62.1

Source: VHA Office of Quality and Patient Safety, Analytics and Performance Integration, Performance Measurement (accessed December 20, 2020).

The healthcare system averages are based on 455–1,281 male and 35–79 female respondents, depending on the question.

#### **Accreditation Surveys and Oversight Inspections**

To further assess leadership and organizational risks, the OIG reviewed recommendations from previous inspections and surveys—including those conducted for cause—by oversight and accrediting agencies to gauge how well leaders responded to identified problems.<sup>25</sup> Table 10 summarizes the relevant system inspections most recently performed by the OIG and The Joint

<sup>\*</sup>The VHA averages are based on 63,661–187,441 male and 3,777–10,616 female respondents, depending on the question.

<sup>&</sup>lt;sup>25</sup> "Profile Definitions and Methodology: Joint Commission Accreditation," *American Hospital Directory*, accessed December 12, 2020, <a href="https://www.ahd.com/definitions/prof\_accred.html">https://www.ahd.com/definitions/prof\_accred.html</a>. "The Joint Commission conducts for-cause unannounced surveys in response to serious incidents relating to the health and/or safety of patients or staff or other reported complaints. The outcomes of these types of activities may affect the accreditation status of an organization."

Commission (TJC).<sup>26</sup> At the time of the OIG review, the system had closed all recommendations for improvement issued since the previous CHIP site visit conducted in June 2017.

The OIG team also noted the system's current accreditation by the Commission on Accreditation of Rehabilitation Facilities and the College of American Pathologists.<sup>27</sup> Additional results included the Long Term Care Institute's inspection of the system's CLCs and the Paralyzed Veterans of America's inspection of the healthcare system's spinal cord injury/disease unit and related services.<sup>28</sup>

Table 10. Office of Inspector General Inspection/The Joint Commission Surveys

Accreditation or Inspecting Agency	Date of Visit	Number of Recommendations Issued	Number of Recommendations Remaining Open
OIG (Comprehensive Healthcare Inspection Program Review of the Miami VA Healthcare System, Miami, Florida, Report No., 17-01756-86 February 13, 2018)	June 2017	11	0
TJC Hospital Accreditation	July 2019	34	0
TJC Behavioral Health Care Accreditation		5	0
TJC Home Care Accreditation		0	0
TJC Special Unannounced Event Hospital Survey	February 2020	0	n/a

Source: OIG and TJC (inspection/survey results received from the Accreditation Manager on March 15, 2021). n/a = not applicable.

<sup>&</sup>lt;sup>26</sup> VHA Directive 1100.16, *Accreditation of Medical Facility and Ambulatory Programs*, May 9, 2017. TJC provides an "internationally accepted external validation that an organization has systems and processes in place to provide safe and quality-oriented health care." TJC "has been accrediting VA medical facilities for over 35 years." Compliance with TJC standards "facilitates risk reduction and performance improvement."

<sup>&</sup>lt;sup>27</sup> VHA Directive 1170.01, *Accreditation of Veterans Health Administration Rehabilitation Programs*, May 9, 2017. The Commission on Accreditation of Rehabilitation Facilities "provides an international, independent, peer review system of accreditation that is widely recognized by Federal agencies." VHA's commitment "is supported through a system-wide, long-term joint collaboration with CARF [Commission on Accreditation of Rehabilitation Facilities] to achieve and maintain national accreditation for all appropriate VHA rehabilitation programs." "About the College of American Pathologists," College of American Pathologists, accessed February 20, 2019, <a href="https://www.cap.org/about-the-cap">https://www.cap.org/about-the-cap</a>. According to the College of American Pathologists, for 75 years it has "fostered excellence in laboratories and advanced the practice of pathology and laboratory science." Additionally, as stated in VHA Handbook 1106.01, *Pathology and Laboratory Medicine Service (P&LMS) Procedures*, January 29, 2016, VHA laboratories must meet the requirements of the College of American Pathologists.

<sup>&</sup>lt;sup>28</sup> "About Us," Long Term Care Institute, accessed December 8, 2020, <a href="http://www.ltciorg.org/about-us/">http://www.ltciorg.org/about-us/</a>. The Long Term Care Institute is "focused on long term care quality and performance improvement, compliance program development, and review in long term care, hospice, and other residential care settings." The Paralyzed Veterans of America inspection took place December 18–19, 2018, and December 11–12, 2019. This veterans service organization review does not result in accreditation status.

# Identified Factors Related to Possible Lapses in Care and Healthcare System Responses

Within the healthcare field, the primary organizational risk is the potential for patient harm. Many factors affect the risk for patient harm within a system, including hazardous environmental conditions; poor infection control practices; and patient, staff, and public safety. Leaders must be able to understand and implement plans to minimize patient risk through consistent and reliable data and reporting mechanisms.

Table 11 lists the reported patient safety events from June 5, 2017 (the prior OIG CHIP site visit), through March 15, 2021.<sup>29</sup>

Table 11. Summary of Selected Organizational Risk Factors (June 5, 2017, to March 15, 2021)

Factor	Number of Occurrences
Sentinel Events	0
Institutional Disclosures	9
Large-Scale Disclosures	0

Source: Miami VA Healthcare System's Accreditation and Risk Managers, and QSV Chief (received March 15 and 31, 2021).

The OIG reviewed the system's external surveys, sentinel events, and disclosures since the prior CHIP visit. The Director spoke knowledgeably about serious adverse event reporting and stated that adverse events can be reported to the Director through the Quality, Safety, and Value team; safety, police, and patient safety staff; as well as through an open door policy for staff to report concerns.

Efforts should focus on prevention. Events resulting in death or harm and those that lead to disclosure can occur in either inpatient or outpatient settings and should be viewed within the context of the complexity of the facility. (The Miami VA Healthcare System is a highest complexity (1a) affiliated system as described in appendix B.) According to VHA Directive 1190, *Peer Review for Quality Management*, November 21, 2018, a sentinel event is an incident or condition that results in patient "death, permanent harm, or severe temporary harm and intervention required to sustain life." Additionally, as stated in VHA Directive 1004.08, *Disclosure of Adverse Events to Patients*, October 31, 2018, VHA defines an institutional disclosure of adverse events (sometimes referred to as an "administrative disclosure") as "a formal process by which VA medical facility leaders together with clinicians and others, as appropriate, inform the patient or personal representative that an adverse event has occurred during the patient's care that resulted in, or is reasonably expected to result in, death or serious injury, and provide specific information about the patient's rights and recourse." Lastly, in VHA Directive 1004.08, VHA defines large-scale disclosures of adverse events (sometimes referred to as "notifications") as "a formal process by which VHA officials assist with coordinating the notification to multiple patients (or their personal representatives) that they may have been affected by an adverse event resulting from a systems issue."

The Risk Manager, Quality Manager, and Chief of Staff review the institutional disclosure determinations, and one physician conducts all institutional disclosures with patients or their representatives. The Chief of Staff reported that although none of the institutional disclosures met the criteria of a sentinel event, the system implemented several process modifications, such as changing documentation processes, revising standard operating procedures, and providing staff education.

# **Veterans Health Administration Performance Data for the Healthcare System**

The VA Office of Operational Analytics and Reporting adopted the SAIL Value Model to help define performance expectations within VA with "measures on healthcare quality, employee satisfaction, access to care, and efficiency." Despite noted limitations for identifying all areas of clinical risk, the data are presented as one way to understand the similarities and differences between the top and bottom performers within VHA.<sup>31</sup>

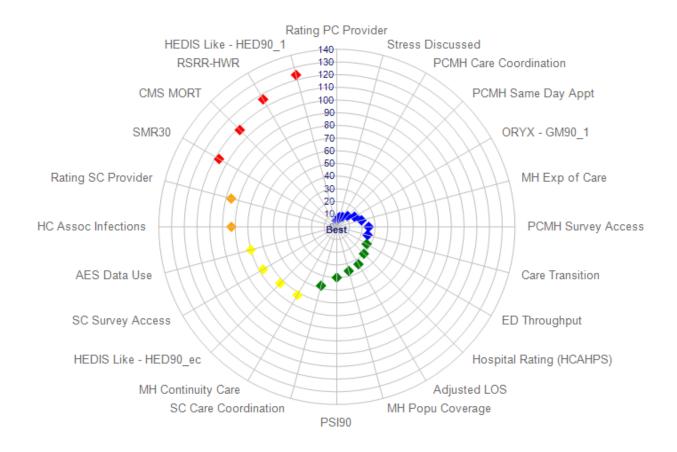
Figure 5 illustrates the healthcare system's quality of care and efficiency metric rankings and performance compared with other VA facilities as of September 30, 2020. Figure 5 shows the Miami VA Healthcare System's performance in the first through fifth quintiles. Those in the first and second quintiles (blue and green data points, respectively) are better-performing measures (for example, in the areas of patient-centered medical home (PCMH) care coordination, care transition, and hospital rating (HCAHPS)). Metrics in the fourth and fifth quintiles are those that need improvement and are denoted in orange and red, respectively (for example, rating (of) specialty care (SC) provider, acute care 30-day standardized mortality ratio (SMR30), and hospital wide readmissions (RSSR-HWR)).<sup>32</sup>

The OIG inspection team and system leaders discussed hospital readmissions and mortality rates during the virtual site visit. The Assistant Director described a collaboration between home-based primary care and speech pathology providers during the pandemic. These providers identified an increase in patient readmissions due to choking and swallowing difficulties and used iPads to virtually assess patients' swallowing abilities and facilitate speech studies, which assisted in reducing the number of readmissions.

<sup>&</sup>lt;sup>30</sup> "Strategic Analytics for Improvement and Learning (SAIL) Value Model," VHA Support Service Center, accessed on March 6, 2020, https://vssc.med.va.gov. (This is an internal website not publicly accessible.)

<sup>&</sup>lt;sup>31</sup> "Strategic Analytics for Improvement and Learning (SAIL) Value Model."

<sup>&</sup>lt;sup>32</sup> For information on the acronyms in the SAIL metrics, please see appendix E.



Marker color: Blue - 1st quintile; Green - 2nd; Yellow - 3rd; Orange - 4th; Red - 5th quintile.

**Figure 5.** System quality of care and efficiency metric rankings for fiscal year 2020 quarter 4 (as of September 30, 2020).

Source: VHA Support Service Center.

Note: The OIG did not assess VA's data for accuracy or completeness.

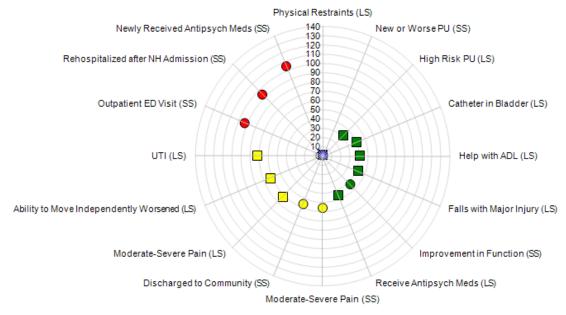
# **Veterans Health Administration Performance Data for the Community Living Center**

The CLC SAIL Value Model is a tool to "summarize and compare performance of CLCs in the VA."<sup>33</sup> The model "leverages much of the same data" used in the Centers for Medicare &

<sup>&</sup>lt;sup>33</sup> Center for Innovation and Analytics, *Strategic Analytics for Improvement and Learning (SAIL) for Community Living Centers (CLC): A tool to examine Quality Using Internal VA Benchmarks*, July 16, 2021.

Medicaid Services' (CMS) *Nursing Home Compare* and provides a single resource "to review quality measures and health inspection results."<sup>34</sup>

Figures 6 illustrates the healthcare system's CLC quality rankings and performance compared with other VA CLCs as of June 30, 2020. Figure 6 displays the Miami VA Healthcare System's CLC metrics with high performance (blue and green data points) in the first and second quintiles (for example, in the areas of new or worse pressure ulcer (PU)—short-stay (SS), catheter in bladder—long-stay (LS), and falls with major injury (LS)). Metrics in the fifth quintile need improvement and are denoted in red (for example, outpatient emergency department (ED) visit (SS) and newly received antipsychotic (antipsych) medications (meds) (SS)).<sup>35</sup>



Marker color: Blue - 1st quintile; Green - 2nd; Yellow - 3rd; Orange - 4th; Red - 5th quintile

Figure 6. Miami CLC quality measure rankings for fiscal year 2020 quarter 3 (as of June 30, 2020).

LS = Long-Stay Measure. SS = Short-Stay Measure.

Source: VHA Support Service Center.

*Note: The OIG did not assess VA's data for accuracy or completeness.* 

<sup>&</sup>lt;sup>34</sup> Center for Innovation and Analytics, *Strategic Analytics for Improvement and Learning (SAIL) for Community Living Centers (CLC): A tool to examine Quality Using Internal VA Benchmarks.* "In December 2008, The Centers for Medicare & Medicaid Services (CMS) enhanced its Nursing Home Compare public reporting site to include a set of quality ratings for each nursing home that participates in Medicare or Medicaid. The ratings take the form of several "star" ratings for each nursing home. The primary goal of this rating system is to provide residents and their families with an easy way to understand assessment of nursing home quality, making meaningful distinctions between high and low performing nursing homes."

<sup>&</sup>lt;sup>35</sup> For data definitions of acronyms in the SAIL CLC measures, please see appendix F.

# Leadership and Organizational Risks Findings and Recommendations

The system's executive leaders covered the vacant ADPCS position with interim staff for about two years. At the time of the virtual review, the interim ADPCS had served in the role for approximately one year. The executive leaders were able to discuss strategies to address succession planning and clinical and nonclinical occupational shortages.

Selected employee satisfaction survey responses demonstrated general satisfaction with leaders and maintenance of an environment where discrimination is not tolerated, and staff are comfortable discussing tough issues. However, responses also pointed to opportunities for the interim ADPCS to improve attitudes toward leaders and the workplace. Patient experience survey data implied satisfaction with inpatient and patient-centered medical home care provided, while opportunities for improvement existed for specialty care satisfaction for both male and female veterans.

The OIG's review of the system's accreditation findings, sentinel events, and disclosures did not identify any substantial organizational risk factors. System leaders were knowledgeable within their scope of responsibilities about selected VHA data used by SAIL and CLC SAIL models but should continue to focus on strategies for continuous improvement.

The OIG made no recommendations.

#### **COVID-19 Pandemic Readiness and Response**

On March 11, 2020, due to the "alarming levels of spread and severity" of COVID-19, the World Health Organization declared a pandemic.<sup>36</sup> VHA subsequently issued its *COVID-19 Response Plan* on March 23, 2020, which presents strategic guidance on prevention of viral transmission among veterans and staff and appropriate care for sick patients.<sup>37</sup>

During this time, VA continued providing care to veterans and engaged its fourth mission, the "provision of hospital care and medical services during certain disasters and emergencies" to persons "who otherwise do not have VA eligibility for such care and services." "In effect, VHA facilities provide a safety net for the nation's hospitals should they become overwhelmed—for veterans (whether previously eligible or not) and non-veterans." <sup>39</sup>

Due to VHA's mission-critical work in supporting both veteran and civilian populations during the pandemic, the OIG conducted an evaluation of the pandemic's effect on the healthcare system and its leaders' subsequent responses. The OIG analyzed performance in the following domains:

- Emergency preparedness
- Supplies, equipment, and infrastructure
- Staffing
- Access to care
- CLC patient care and operations

The OIG also surveyed healthcare system staff to solicit their feedback and potentially identify any problematic trends and/or issues that may require follow-up.

The OIG will report the results of the COVID-19 pandemic readiness and response evaluation for this healthcare system and other facilities in a separate publication to provide stakeholders with a more comprehensive picture of regional VHA challenges and ongoing efforts.

<sup>&</sup>lt;sup>36</sup> "WHO Director-General's Opening Remarks at the Media Briefing on COVID-19 – 11 March 2020," World Health Organization, accessed December 8, 2020, <a href="https://www.who.int/dg/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing-on-covid-19---11-march-2020">https://www.who.int/dg/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing-on-covid-19---11-march-2020</a>.

<sup>&</sup>lt;sup>37</sup> VHA, Office of Emergency Management, COVID-19 Response Plan, March 23, 2020.

<sup>&</sup>lt;sup>38</sup> 38 U.S.C. § 1785. VA's missions include serving veterans through care, research, and training. 38 C.F.R. § 17.86 outlines VA's fourth mission, the provision of hospital care and medical services during certain disasters and emergencies: "During and immediately following a disaster or emergency...VA under 38 U.S.C. § 1785 may furnish hospital care and medical services to individuals (including those who otherwise do not have VA eligibility for such care and services) responding to, involved in, or otherwise affected by that disaster or emergency."

<sup>&</sup>lt;sup>39</sup> VA OIG, OIG Inspection of Veterans Health Administration's COVID-19 Screening Processes and Pandemic Readiness, March 19–24, 2020, Report No. 20-02221-120, March 26, 2020.

#### Quality, Safety, and Value

VHA's goal is to serve as the nation's leader in delivering high quality, safe, reliable, and veteran-centered care. <sup>40</sup> To meet this goal, VHA requires that its facilities implement programs to monitor the quality of patient care and performance improvement activities and maintain Joint Commission accreditation. <sup>41</sup> Many quality-related activities are informed and required by VHA directives, nationally recognized accreditation standards (such as The Joint Commission), and federal regulations. VHA strives to provide healthcare services that compare "favorably to the best of [the] private sector in measured outcomes, value, [and] efficiency." <sup>42</sup>

To determine whether VHA facilities have implemented and incorporated OIG-identified key processes for quality and safety into local activities, the inspection team evaluated the healthcare system's committee responsible for quality, safety, and value (QSV) oversight functions; its ability to review data, information, and risk intelligence; and its ability to ensure that key QSV functions are discussed and integrated on a regular basis. Specifically, OIG inspectors examined the following requirements:

- Review of aggregated QSV data
- Recommendation and implementation of improvement actions
- Monitoring of fully implemented improvement actions

The OIG reviewers also assessed the healthcare system's processes for its Systems Redesign and Improvement Program, which supports "VHA's transformation journey to become a High Reliability Organization." Systems redesign and improvement processes drive organizational change toward the goal of "zero harm" and can create strong cultures of safety. VHA implemented systems redesign and improvement programs to "optimize Veterans' experience by providing services to develop self-sustaining improvement capability." The OIG team examined various requirements related to systems redesign and improvement:

- Designation of a systems redesign and improvement coordinator
- Tracking of facility-level performance improvement capability and projects
- Participation on the facility quality management committee and VISN Systems Redesign Review Advisory Group
- Staff education on performance improvement principles and techniques

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<sup>&</sup>lt;sup>40</sup> Department of Veterans Affairs, Veterans Health Administration Blueprint for Excellence, September 21, 2014.

<sup>&</sup>lt;sup>41</sup> VHA Directive 1100.16, Accreditation of Medical Facility and Ambulatory Programs, May 9, 2017.

<sup>&</sup>lt;sup>42</sup> Department of Veterans Affairs, Veterans Health Administration Blueprint for Excellence.

<sup>&</sup>lt;sup>43</sup> VHA Directive 1026.01, VHA Systems Redesign and Improvement Program, December 12, 2019.

<sup>&</sup>lt;sup>44</sup> VHA Directive 1026.01.

Next, the OIG assessed the healthcare system's processes for conducting protected peer reviews of clinical care. <sup>45</sup> Protected peer reviews, "when conducted systematically and credibly," reveal areas for improvement (involving one or more providers' practices) and can result in both immediate and "long-term improvements in patient care." <sup>46</sup> Peer reviews are "intended to promote confidential and non-punitive" processes that consistently contribute to quality management efforts at the individual provider level. <sup>47</sup> The OIG team examined the completion of the following elements:

- Evaluation of aspects of care (for example, choice and timely ordering of diagnostic tests, prompt treatment, and appropriate documentation)
- Peer review of all applicable deaths within 24 hours of admission to the hospital
- Peer review of all completed suicides within seven days after discharge from an inpatient mental health unit<sup>48</sup>
- Completion of final reviews within 120 calendar days
- Implementation of improvement actions recommended by the Peer Review Committee for Level 3 peer reviews<sup>49</sup>
- Quarterly review of the Peer Review Committee's summary analysis by the Executive Committee of the Medical Staff

Finally, the OIG assessed the healthcare system's surgical program. The VHA National Surgery Office provides oversight for surgical programs and "promotes systems and practices that enhance high quality, safe, and timely surgical care." The National Surgery Office's principles, which guide the delivery of comprehensive surgical services at local, regional, and national levels, include "(1) Operational oversight of surgical services and quality improvement activities; (2) Policy development; (3) Data stewardship; and (4) Fiduciary responsibility for select

<sup>&</sup>lt;sup>45</sup> VHA Directive 1190, *Peer Review for Quality Management*, November 21, 2018. A peer review is a "critical review of care, performed by a peer," to evaluate care provided by a clinician for a specific episode of care, identify learning opportunities for improvement, provide confidential communication of the results back to the clinician, and identify potential system or process improvements. In the context of protected peer reviews, "protected" refers to the designation of review as a confidential quality management activity under 38 U.S.C. § 5705 as "a Department systematic health-care review activity designated by the Secretary to be carried out by or for the Department for improving the quality of medical care or the utilization of health-care resources in VA facilities."

<sup>&</sup>lt;sup>46</sup> VHA Directive 1190.

<sup>&</sup>lt;sup>47</sup> VHA Directive 1190.

<sup>&</sup>lt;sup>48</sup> VHA Directive 1190.

<sup>&</sup>lt;sup>49</sup> VHA Directive 1190. A peer review is assigned a Level 3 when "most experienced and competent clinicians would have managed the case differently."

<sup>&</sup>lt;sup>50</sup> "NSO Reporting, Resources, & Tools," VA Surgical Quality Improvement Program, accessed November 21, 2020, <a href="https://vaww.nso.med.va.gov/apps/VASQIP/Pages/Default.aspx">https://vaww.nso.med.va.gov/apps/VASQIP/Pages/Default.aspx</a>. (These are internal VA websites not publicly accessible.)

specialty programs."<sup>51</sup> The healthcare system's performance was assessed on several dimensions:

- Assignment and duties of a chief of surgery
- Assignment and duties of a surgical quality nurse (registered nurse)
- Establishment of a surgical work group with required members who meet at least monthly
- Surgical work group tracking and review of quality and efficiency metrics
- Investigation of adverse events<sup>52</sup>

The OIG reviewers interviewed senior managers and key QSV employees and evaluated meeting minutes, systems redesign and improvement documents and reports, protected peer reviews, National Surgery Office reports, and other relevant information.<sup>53</sup>

## Quality, Safety, and Value Findings and Recommendations

Generally, the healthcare system met the above requirements. The OIG made no recommendations.

<sup>51 &</sup>quot;NSO Reporting, Resources, & Tools."

<sup>&</sup>lt;sup>52</sup> VHA Directive 1102.01(1), National Surgery Office, April 24, 2019, amended May 22, 2019.

<sup>&</sup>lt;sup>53</sup> For CHIP visits, the OIG selects performance indicators based on VHA or regulatory requirements or accreditation standards and evaluates these for compliance.

### **Registered Nurse Credentialing**

VHA has defined procedures for the credentialing of registered nurses (RNs) that include verification of "professional education, training, licensure, certification, registration, previous experience, including documentation of any gaps (greater than 30 days) in training and employment, professional references, adverse actions, or criminal violations, as appropriate."<sup>54</sup> Licensure is defined by VHA as "the official or legal permission to practice in an occupation, as evidenced by documentation issued by a State in the form of a license and/or registration."<sup>55</sup>

VA requires all RNs to hold at least one active, unencumbered license.<sup>56</sup> Individuals who hold a license in more than one state are not eligible for RN appointment if a state has terminated the license for cause or if the RN voluntarily relinquished the license after written notification from the state of potential termination for cause.<sup>57</sup> When an action has been "taken against [an] applicant's sole license or against any of the applicant's licenses, a review by the Chief, Human Resources Management Service, or the Regional Counsel, must be completed to determine whether the applicant satisfies VA's licensure requirements," and documented as required.<sup>58</sup> Additionally, all current and previously held licenses must be verified from the primary or original source and documented in VetPro, VHA's electronic credentialing system, prior to appointment to a VA medical facility.<sup>59</sup>

The OIG assessed compliance with VA licensure requirements by conducting interviews with key managers and staff and reviewing relevant documents for 61 RNs hired from January 1, 2020, through February 15, 2021. The OIG determined whether

- the RNs were free from potentially disqualifying licensure actions, or
- the Chief, Human Resources Management Service or Regional Counsel determined that the RNs met VA licensure requirements.

The OIG also reviewed credentialing files for 30 of the 61 RNs to determine whether healthcare system staff completed primary source verification prior to the appointment.

<sup>58</sup> VHA Directive 2012-030.

<sup>&</sup>lt;sup>54</sup> VHA Directive 2012-030, Credentialing of Health Care Professionals, October 11, 2012.

<sup>&</sup>lt;sup>55</sup> VHA Directive 1100.18, Reporting and Responding to State Licensing Boards, January 28, 2021.

<sup>&</sup>lt;sup>56</sup> VHA Directive 2012-030. "Definition of *Unencumbered license*," Law Insider, accessed December 3, 2020, <a href="https://www.lawinsider.com/dictionary/unencumbered-license">https://www.lawinsider.com/dictionary/unencumbered-license</a>. An unencumbered license is "a license that is not revoked, suspended, or made probationary or conditional by the licensing or registering authority in the respective jurisdiction as a result of disciplinary action."

<sup>&</sup>lt;sup>57</sup> 38 U.S.C. § 7402.

<sup>&</sup>lt;sup>59</sup> VHA Directive 2012-030.

## **Registered Nurse Credentialing Findings and Recommendations**

The healthcare system generally met the requirements listed above. The OIG made no recommendations.

## Medication Management: Remdesivir Use in VHA

On May 1, 2020, the Food and Drug Administration (FDA) authorized the emergency use of remdesivir. At that time, remdesivir was an unapproved, investigational antiviral medication for the treatment of adults and children hospitalized with severe COVID-19.<sup>60</sup> The FDA provided information on specific laboratory tests to be ordered prior to and during the administration of remdesivir. Additionally, the FDA required providers to report potentially related adverse events.<sup>61</sup>

VA issued a memorandum on May 8, 2020, which outlined the use of remdesivir under the FDA's Emergency Use Authorization (EUA) criteria. Due to the limited supply and specific storage requirements of remdesivir, VA needed someone to be available 24 hours a day, 7 days a week to accept overnight, cold-chain shipments of the drug and report any unused medication to the Emergency Pharmacy Services group. Services group.

On August 28, 2020, the FDA amended the EUA criteria for remdesivir to include "suspected or laboratory-confirmed COVID-19 in all hospitalized adult and pediatric patients." The FDA subsequently approved remdesivir on October 22, 2020, for use in adult patients requiring hospitalization for the treatment of COVID-19.65

To determine whether VHA facilities complied with requirements related to the administration of remdesivir, the OIG interviewed key employees and managers and reviewed electronic health records of 43 patients who were administered remdesivir under EUA from May 8 through October 21, 2020. The OIG assessed the following performance indicators:

- Staff availability to receive medication shipments
- Medication orders used proper name

<sup>&</sup>lt;sup>60</sup> Gilead Sciences, Fact Sheet for Health Care Providers: Emergency Use Authorization (EUA) of Veklury (remdesivir), May 1, 2020, revised August 2020. Food and Drug Administration, Frequently Asked Questions for Veklury (remdesivir), updated February 4, 2021.

<sup>&</sup>lt;sup>61</sup> Gilead Sciences, Fact Sheet for Health Care Providers: Emergency Use Authorization (EUA) of Veklury (remdesivir).

<sup>&</sup>lt;sup>62</sup> Assistant Under Secretary for Health for Operations Memorandum, *Remdesivir Distribution for Department of Veterans Affairs (VA) Patients*, May 8, 2020.

<sup>&</sup>lt;sup>63</sup> Centers for Disease Control and Prevention, *Vaccine Storage and Handling Kit*, May 2014. "The cold chain begins with the cold storage unit at the manufacturing plant, extends through transport of vaccine(s) to the distributor, then delivery and storage at the provider facility, and ends with administration of vaccine to the patient. Appropriate storage conditions must be maintained at every link in the cold chain." Assistant Under Secretary for Health for Operations Memorandum, *Remdesivir Distribution for Department of Veterans Affairs (VA) Patients*.

<sup>&</sup>lt;sup>64</sup> Food and Drug Administration, "FDA News Release: COVID-19 Update: FDA Broadens Emergency Use Authorization for Veklury (remdesivir) to Include All Hospitalized Patients for Treatment of COVID-19," August 28, 2020.

<sup>&</sup>lt;sup>65</sup> Food and Drug Administration, "FDA News Release: FDA Approved First Treatment for COVID-19," October 22, 2020.

- Staff determined patients met criteria for receiving medication prior to administration
- Required testing completed prior to medication administration for
  - Potential pregnancy
  - o Kidney assessment (estimated glomerular filtration rate)<sup>66</sup>
  - o Liver assessment (alanine transferase or serum glutamic pyruvic transaminase)<sup>67</sup>
- Patient/caregiver education provided
- Staff reported any adverse events to the FDA

### Medication Management Findings and Recommendations

The OIG found the healthcare system addressed many of the indicators of expected performance, including availability of staff to receive medication shipments, completion of required testing prior to medication administration, and reporting of adverse events to the FDA. However, the OIG found deficiencies with provision of patient/caregiver education.

Under the EUA, VA Pharmacy Benefits Management Services required healthcare providers to provide the *Fact Sheet for Patients and Parents/Caregivers*, inform patients or caregivers that remdesivir was not an FDA-approved medication, provide the option to refuse the medication, and advise patients or caregivers of known risks, benefits, and alternatives to remdesivir prior to administration.<sup>68</sup>

For the 43 electronic health records reviewed, the OIG found that healthcare providers did not

- provide the *Fact Sheet for Patients and Parents/Caregivers* to any of the patients or caregivers before administering remdesivir,
- inform 88 percent of patients or caregivers that remdesivir was not an FDA-approved drug,
- inform 14 percent of patients or caregivers of the option to refuse remdesivir,

<sup>&</sup>lt;sup>66</sup> "Estimated Glomerular Filtration Rate (eGFR)," National Kidney Foundation, accessed December 9, 2020, <a href="https://www.kidney.org/atoz/content/gfr">https://www.kidney.org/atoz/content/gfr</a>. "Estimated glomerular filtration rate [eGFR] is the best test to measure your level of kidney function and determine your stage of kidney disease."

<sup>&</sup>lt;sup>67</sup> "Alanine transferase," National Cancer Institute, accessed December 9, 2020, <a href="https://www.cancer.gov/publications/dictionaries/cancer-terms/def/alanine-transferase">https://www.cancer.gov/publications/dictionaries/cancer-terms/def/alanine-transferase</a>. Alanine transferase, also referred to as serum glutamate pyruvate transaminase, is "an enzyme found in the liver and other tissues," of which a high level may be indicative of liver damage.

<sup>&</sup>lt;sup>68</sup> VA Pharmacy Benefits Management Services, *Remdesivir Emergency Use Authorization (EUA) Requirements*, May 2020.

- inform 35 percent of patients or caregivers of the potential risks and benefits, and
- advise 98 percent of patients or caregivers of alternatives to receiving remdesivir prior to administration.

This could have resulted in patients or caregivers lacking the information needed to make a fully informed decision before receiving the medication. A staff pharmacist stated that providers received guidance to use EUA criteria when counseling patients and obtaining informed consent but acknowledged a disconnect between what providers verbalized to patients and what was documented in the electronic health records. The staff pharmacist further stated that a formatted template will be used with any future EUAs.

Given the FDA's approval of remdesivir for use in adult patients requiring hospitalization for the treatment of COVID-19, the OIG made no recommendations related to EUA requirements.<sup>69</sup>

<sup>&</sup>lt;sup>69</sup> Food and Drug Administration, "FDA News Release: FDA Approved First Treatment for COVID-19."

## Mental Health: Emergency Department and Urgent Care Center Suicide Risk Screening and Evaluation

Suicide prevention remains a top priority for VHA. Suicide is the 10th leading cause of death, with over 47,000 lives lost across the United States in 2019.<sup>70</sup> The suicide rate for veterans was 1.5 times greater than for nonveteran adults and estimated to represent approximately 13.8 percent of all suicide deaths in the United States during 2018.<sup>71</sup> However, suicide rates among veterans who recently used VHA services decreased by 2.4 percent between 2017 and 2018.<sup>72</sup>

VHA has implemented various evidence-based approaches to reduce veteran suicides. In addition to expanded mental health services and community outreach, VHA has adopted a three-phase process to screen and assess for suicide risk in most clinical settings. The phases include primary and secondary screens and a comprehensive assessment. However, screening for patients seen in emergency departments or urgent care centers begins with the secondary screen, the Columbia-Suicide Severity Rating Scale, and subsequent completion of the Comprehensive Suicide Risk Assessment when screening is positive. The OIG examined whether staff initiated the Columbia-Suicide Severity Rating Scale and completed all required elements.

Additionally, VHA requires intermediate, high-acute, or chronic risk-for-suicide patients to have a suicide safety plan completed or updated prior to discharge from the emergency department or urgent care center.<sup>74</sup> The healthcare system was assessed for its adherence to the following requirements for suicide safety plans:

- Completion of suicide safety plans by required staff
- Completion of mandatory training by staff who develop suicide safety plans

To determine whether VHA facilities complied with selected requirements for suicide risk screening and evaluation within emergency departments and urgent care centers, the OIG inspection team interviewed key employees and reviewed

• relevant documents;

<sup>&</sup>lt;sup>70</sup> "Preventing Suicide," Centers for Disease Control and Prevention, accessed December 9, 2020, <a href="https://www.cdc.gov/violenceprevention/suicide/fastfact.html">https://www.cdc.gov/violenceprevention/suicide/fastfact.html</a>.

<sup>&</sup>lt;sup>71</sup> Office of Mental Health and Suicide Prevention, 2020 National Veteran Suicide Prevention Annual Report, November 2020.

<sup>&</sup>lt;sup>72</sup> Office of Mental Health and Suicide Prevention, 2020 National Veteran Suicide Prevention Annual Report.

<sup>&</sup>lt;sup>73</sup> Deputy Under Secretary for Health for Operations and Management (DUSHOM) Memorandum, *Suicide Risk Screening and Assessment Requirements*, May 23, 2018; Department of Veterans Affairs, *Department of Veterans Affairs (VA) Suicide Risk Identification Strategy: Minimum Requirements by Setting*, December 18, 2019.

<sup>&</sup>lt;sup>74</sup> DUSHOM Memorandum, *Eliminating Veteran Suicide: Implementation Update on Suicide Risk Screening and Evaluation (Risk ID Strategy) and the Safety Planning for Emergency Department (SPED) Initiatives*, October 17, 2019.

- the electronic health records of 30 randomly selected patients who were seen in the emergency department/urgent care center from December 1, 2019, through August 31, 2020; and
- staff training records.

## **Mental Health Findings and Recommendations**

The healthcare system generally met the requirements listed above. The OIG made no recommendations.

## **Coordination of Care: Inter-facility Transfers**

Inter-facility transfers are necessary to provide access to specific providers, services, or levels of care. While there are inherent risks in moving an acutely ill patient between facilities, there is also risk in not transferring the patient when his or her needs can be better managed at another facility.<sup>75</sup>

VHA medical facility directors are "responsible for ensuring that a written policy is in effect that ensures the safe, appropriate, orderly, and timely transfer of patients." Further, VHA staff are required to use the VA Inter-Facility Transfer Form or a facility-defined equivalent note in the electronic health record to monitor and evaluate all transfers.<sup>77</sup>

The healthcare system was assessed for its adherence to various requirements:

- Existence of a facility policy for inter-facility transfers
- Monitoring and evaluation of inter-facility transfers
- Completion of all required elements of the *Inter-Facility Transfer Form* or facilitydefined equivalent by the appropriate provider(s) prior to patient transfer
- Transmission of patient's active medication list and advance directive to the receiving facility
- Communication between nurses at sending and receiving facilities

To determine whether the healthcare system complied with OIG-selected inter-facility transfer requirements, the inspection team reviewed relevant documents and interviewed key managers and employees. The team also reviewed the electronic health records of 41 patients who were transferred from the healthcare system due to urgent needs to a VA or non-VA facility from July 1, 2019, through June 30, 2020.

## Coordination of Care Findings and Recommendations

The OIG observed general compliance with requirements for an inter-facility transfer policy and nurse-to-nurse communication between sending and receiving facilities. However, the OIG identified deficiencies with monitoring and evaluating inter-facility transfers, using the Inter-Facility Transfer Form or facility-defined equivalent and completing all required elements, and sending patients' active medication lists and advance directives to receiving facilities.

<sup>&</sup>lt;sup>75</sup> VHA Directive 1094, *Inter-Facility Transfer Policy*, January 11, 2017.

<sup>&</sup>lt;sup>76</sup> VHA Directive 1094.

<sup>&</sup>lt;sup>77</sup> VHA Directive 1094. A completed VA *Inter-Facility Transfer Form* or an equivalent note communicates critical

information to facilitate and ensure safe, appropriate, and timely transfer. Critical elements include documentation of patients' informed consent, medical and/or behavioral stability, mode of transportation and appropriate level of care required, identification of transferring and receiving physicians, and proposed level of care after transfer.

VHA requires the Chief of Staff and ADPCS to ensure "all transfers are monitored and evaluated as part of VHA's Quality Management Program." The OIG reviewed meeting minutes for the Medical Records Committee, the group responsible for monitoring and evaluating transfers, from May 19, 2020, through January 19, 2021, and did not find evidence, beyond the reporting of informed consent completion data, that patient transfers were monitored and evaluated. Failure to monitor patient transfer data could prevent the identification of system-level deficiencies that jeopardize the health of patients and inhibit ongoing performance improvement activities. The Chair of the Utilization Management Committee confirmed that informed consent completion data were reported through the Medical Records Committee but provided no reasons specific to the lack of overall monitoring and evaluating.

#### **Recommendation 1**

 The Chief of Staff and Associate Director for Patient Care Services evaluate and determine reasons for noncompliance and make certain that all transfers are monitored and evaluated as part of Veterans Health Administration's Quality Management Program.

Healthcare system concurred.

Target date for completion: June 30, 2022

Healthcare system response: The Chief of Staff and Associate Director for Patient Care Services attest to the review of reasons for non-compliance. They championed discussion and collaboration between the Chief of Emergency Medicine and Nurse Manager and the Transfer Office (under the direction of the Chief Nurse of Innovation and Research) and established a standard process for monitoring and reporting all required Interfacility data elements. Each area will be responsible for compiling information and reporting to the Performance Improvement Sub-Committee monthly until 90% compliance has been maintained for 6 consecutive months. Subsequently, compliance with required data elements will be reported to the Medical Records Committee.

VHA requires the Chief of Staff and the ADPCS to ensure staff use the VA *Inter-Facility Transfer Form* or an equivalent note in the electronic health record to monitor and evaluate interfacility transfers.<sup>79</sup> The OIG determined that 22 percent of records reviewed lacked a VA *Inter-Facility Transfer Form* or an equivalent note.<sup>80</sup> Failure to use required forms could result in incomplete health records and the inability to monitor and evaluate the transfer process. Beyond

<sup>79</sup> VHA Directive 1094.

<sup>&</sup>lt;sup>78</sup> VHA Directive 1094.

<sup>&</sup>lt;sup>80</sup> The confidence intervals are not included because the data represent every patient in the study population.

intermittent connectivity issues with the computers in the emergency department, the Chief of Emergency Medicine reported workload demands resulted in incomplete documentation.

#### **Recommendation 2**

2. The Chief of Staff and Associate Director for Patient Care Services evaluate and determine additional reasons for noncompliance and ensure that staff use the VA *Inter-Facility Transfer Form* or an equivalent note to document inter-facility transfers.

Healthcare system concurred.

Target date for completion: June 30, 2022

Healthcare system response: The Chief of Staff and Associate Director for Patient Care Services attest to the review of reasons for non-compliance. They championed discussion and collaboration between the Chief of Emergency Medicine and Nurse Manager and the Transfer Office (under the direction of the Chief Nurse of Innovation and Research) to validate the use of the Interfacility Form or equivalent CPRS [Computerized Patient Record System] document template. The Chief Hospitalist/Chief Health Informatics Officer-Clinical Liaison created an Interfacility transfer checklist (day of transfer) note to ensure all transfer documents and data elements are addressed. Each area will be responsible for compiling information and reporting to the Performance Improvement Sub-Committee monthly until 90% compliance has been maintained for 6 consecutive months. Subsequently, compliance with required data elements will be reported to the Medical Records Committee.

VHA requires that the Chief of Staff and ADPCS ensure the referring physician records the "date and time the transfer will occur," "[d]ocumentation of the patient's (or legally-responsible person acting on the patient's behalf) informed consent to transfer," "[m]edical and/or behavioral stability of the patient for transfer," "mode of transportation and equipment needed," and "[i]dentification of the transferring and receiving physicians." Additionally, VHA requires the Chief of Staff and ADPCS to ensure that staff send all pertinent medical records with the patient during inter-facility transfers. This includes an active patient medication list and advance directive, when applicable. In reviewing electronic health records, the OIG determined that 12 percent did not address the patient's or legally responsible person's informed consent, mode of transportation, or receiving physician; 15 percent did not address the patient's medical or behavioral stability; and 17 percent did not include documentation indicating staff sent the patient's active medication list to the receiving facility. These deficiencies could result in the

82 VHA Directive 1094.

<sup>81</sup> VHA Directive 1094.

<sup>83</sup> The confidence intervals are not included because the data represent every patient in the study population.

unsafe transfer of patients, the inability to monitor and evaluate transfer data, and an incomplete medical record. The Chief of Emergency Medicine stated providers manage multiple patients, and when one requires transfer, the process is overwhelming and needs streamlining. The Chief also reported a lack of attention to detail due to workload demands as the contributing factor for incomplete transfer documentation.

For the five transfer notes that referenced the presence or absence of advanced directives, the OIG noted providers documented the absence of advance directives in two electronic health records but failed to document advance directive status in two other records. However, the OIG found evidence of an advanced directive in four patient records. Due to the small sample size, the OIG did not make a recommendation related to advance directives.

#### **Recommendation 3**

3. The Chief of Staff evaluates and determines any additional reasons for noncompliance and makes certain that referring physicians record all required elements in the electronic health record prior to patient transfers.

Healthcare system concurred.

Target date for completion: June 30, 2022

Healthcare system response: The Chief of Staff and Associate Director for Patient Care Services attest to the review of reasons for non-compliance. They championed discussion and collaboration between the Chief of Emergency Medicine and Nurse Manager and the Transfer Office (under the direction of the Chief Nurse of Innovation and Research) to validate the use of the Interfacility Form or equivalent CPRS document template. The Chief Hospitalist/Chief Health Informatics Officer-Clinical Liaison created an Interfacility transfer checklist (day of transfer) note to streamline the transfer documents and assure all data elements are addressed. Each area will be responsible for compiling information and reporting to the Performance Improvement Sub-Committee monthly until 90% compliance has been maintained for 6 consecutive months. Subsequently, compliance with required data elements will be reported to the Medical Records Committee.

#### **Recommendation 4**

4. The Chief of Staff and Associate Director for Patient Care Services evaluate and determine the reasons for noncompliance and ensure staff send pertinent medical records, including an active patient medication list, to the receiving facility during inter-facility transfers.

Healthcare system concurred.

Target date for completion: June 30, 2022

Healthcare system response: The Chief of Staff and Associate Director for Patient Care Services attest to the review of reasons for non-compliance. They championed discussion and collaboration between the Chief of Emergency Medicine and Nurse Manager and the Transfer Office (under the direction of the Chief Nurse of Innovation and Research) to validate the use of the Interfacility Form or equivalent CPRS document template. The Chief Hospitalist/Chief Health Informatics Officer-Clinical Liaison created an Interfacility transfer checklist (day of transfer) note to ensure staff send pertinent medical records, including an active patient medication list, to the receiving facility during inter-facility transfers. Each area will be responsible for compiling information and reporting to the Performance Improvement Sub-Committee monthly until 90% compliance has been maintained for 6 consecutive months. Subsequently, compliance with required data elements will be reported to the Medical Records Committee.

## High-Risk Processes: Management of Disruptive and Violent Behavior

VHA defines disruptive behavior as "behavior by any individual that is intimidating, threatening, dangerous, or that has, or could, jeopardize the health or safety of patients, Department of Veterans Affairs (VA) employees, or individuals at the facility." Balancing the rights and healthcare needs of violent and disruptive patients with the health and safety of other patients, visitors, and staff poses a significant challenge for VHA facilities. VHA has "committed to reducing and preventing disruptive behaviors and other defined acts that threaten public safety through the development of policy, programs, and initiatives aimed at patient, visitor, and employee safety." The OIG examined various requirements for the management of disruptive and violent behavior:

- Development of a policy for reporting and tracking disruptive behavior
- Implementation of an employee threat assessment team<sup>86</sup>
- Establishment of a disruptive behavior committee or board that holds consistently attended meetings<sup>87</sup>
- Use of the Disruptive Behavior Reporting System to document the decision to implement an Order of Behavioral Restriction<sup>88</sup>
- Patient notification of an Order of Behavioral Restriction
- Completion of the annual Workplace Behavioral Risk Assessment with involvement from required participants<sup>89</sup>

<sup>86</sup> VHA Directive 2012-026. An employee threat assessment team is "a facility-level, interdisciplinary team whose primary charge is using evidence-based and data-driven practices for addressing the risk of violence posed by employee-generated behavior(s), that are disruptive or that undermine a culture of safety."

<sup>&</sup>lt;sup>84</sup> VHA Directive 2012-026, Sexual Assaults and Other Defined Public Safety Incidents in Veterans Health Administration (VHA) Facilities, September 27, 2012.

<sup>&</sup>lt;sup>85</sup> VHA Directive 2012-026.

<sup>&</sup>lt;sup>87</sup> VHA Directive 2012-026. VHA defines a disruptive behavior committee or board as "a facility-level, interdisciplinary committee whose primary charge is using evidence-based and data-driven practices for preventing, identifying, assessing, managing, reducing, and tracking patient-generated disruptive behavior."

<sup>&</sup>lt;sup>88</sup> DUSHOM Memorandum, *Actions Needed to Ensure Medical Facility Workplace Violence Prevention Programs* (WVPP) Meet Agency Requirements, July 20, 2018. VA requires each medical facility's disruptive behavior committee "to use the Disruptive Behavior Reporting System (DBRS) to document a decision to implement an Order of Behavioral Restriction (OBR) and to document notification of a patient when an OBR is issued."

<sup>&</sup>lt;sup>89</sup> DUSHOM Memorandum, *Workplace Behavioral Risk Assessment (WBRA)*, October 19, 2012. The Workplace Behavioral Risk Assessment is a "data-driven process that evaluates the unique constellation of factors that affect workplace safety. It enables facilities to make informed, supportable decisions regarding the level of PMDB [Prevention and Management of Disruptive Behavior] training needed to sustain a culture of safety in the workplace."

VHA also requires that all staff complete part 1 of the prevention and management of disruptive behavior training within 90 days of hire. The Workplace Behavioral Risk Assessment results are used to assign additional levels of training. When the assessment results deem a facility location as low or moderate risk, staff working in the area are also required to complete part 2 of the training. When results indicate high risk, staff are required to complete parts 1, 2, and 3 of the training. VHA also requires that employee threat assessment team members complete the appropriate team-specific training. The OIG assessed staff compliance with the completion of required training.

To determine whether VHA facilities implemented and incorporated OIG-identified key processes for the management of disruptive and violent behavior, the inspection team examined relevant documents and training records and interviewed key managers and staff.

### **High-Risk Processes Findings and Recommendations**

The OIG determined that the healthcare system addressed many of the requirements for the management of disruptive and violent behavior. However, the OIG found that prevention and management of disruptive behavior training was not completed by all employees.

VHA requires that facilities ensure staff complete prevention and management of disruptive behavior training based on the risk level assigned to their work areas. <sup>92</sup> The OIG reviewed 30 staff training records and found that six (20 percent) staff did not complete the required training. This could result in lack of awareness, preparedness, and precautions when responding to disruptive behavior. The Workplace Violence Prevention Program Coordinator and the Talent Management System Domain Manager stated the system cancelled training events requiring close contact in March 2020. They also indicated the system planned to reestablish trainings that could be completed with social distancing in May 2021.

#### Recommendation 5

5. The System Director evaluates and determines any additional reasons for noncompliance and ensures staff complete all required prevention and management of disruptive behavior training based on the risk level assigned to their work areas.<sup>93</sup>

<sup>&</sup>lt;sup>90</sup> DUSHOM Memorandum, *Update to Prevention and Management of Disruptive Behavior (PMDB) Training Assignments*, February 24, 2020.

<sup>&</sup>lt;sup>91</sup> DUSHOM Memorandum, Actions Needed to Ensure Medical Facility Workplace Violence Prevention Programs (WVPP) Meet Agency Requirements, July 20, 2018.

<sup>&</sup>lt;sup>92</sup> DUSHOM Memorandum, *Update to Prevention and Management of Disruptive Behavior (PMDB) Training Assignments.* 

<sup>&</sup>lt;sup>93</sup> The OIG recognizes that COVID-19 has affected facility operations and makes no comment on the timeline for safely accomplishing this important training.

Healthcare system concurred.

Target date for completion: August 31, 2022

Healthcare system response: The System Director evaluated and determined additional reasons for noncompliance along with enhanced compliance reporting by service and area to the Disruptive Behavior Committee, Medical Executive Council, and the Executive Leadership Board. In collaboration with the Associate Chief of Staff for Education & The Talent Management System Domain Manager, a dashboard was developed to track the required prevention and management of disruptive behavior trainings based on the risk level assignment for staff in their work areas. The Workplace Violence Prevention Program Coordinator will create training schedules in advance to include the trainer assignments and distribute to executive leadership. Each Executive leader will champion compliance of staff completing required trainings within their designated areas and report to the Performance Improvement Sub-Committee until 90% compliance has been maintained for 6 consecutive months. Service chiefs and individuals will be held accountable for failure to comply with required training.

## **Report Conclusion**

The OIG acknowledges the inherent challenges of operating VA medical facilities, especially during times of unprecedented stress on the U.S. healthcare system. To assist leaders in evaluating the quality of care at their healthcare system, the OIG conducted a detailed review of eight clinical and administrative areas and provided five recommendations on issues that may adversely affect patients. While the OIG's recommendations are not intended a comprehensive assessment of the caliber of services delivered at this system, they illuminate areas of concern and guide improvement efforts. A summary of recommendations is presented in appendix A.

## Appendix A: Comprehensive Healthcare Inspection Program Recommendations

The table below outlines five OIG recommendations ranging from documentation concerns to noncompliance that can lead to patient and staff safety issues or adverse events. The recommendations are attributable to the System Director, Chief of Staff and ADPCS. The intent is for these leaders to use the recommendations to guide improvements in operations and clinical care. The recommendations address findings that, if left unattended, may potentially interfere with the delivery of quality health care.

**Table A.1. Summary Table of Recommendations** 

Healthcare Processes	Review Elements	Critical Recommendations for Improvement	Recommendations for Improvement
Leadership and Organizational Risks	<ul> <li>Executive leadership position stability and engagement</li> <li>Budget and operations</li> <li>Staffing</li> <li>Employee satisfaction</li> <li>Patient experience</li> <li>Accreditation surveys and oversight inspections</li> <li>Identified factors related to possible lapses in care and healthcare system response</li> <li>VHA performance data (healthcare system)</li> <li>VHA performance data (CLC)</li> </ul>	• None	• None
COVID-19 Pandemic Readiness and Response	<ul> <li>Emergency preparedness</li> <li>Supplies, equipment, and infrastructure</li> <li>Staffing</li> <li>Access to care</li> <li>CLC patient care and operations</li> <li>Staff feedback</li> </ul>	The OIG will report the repandemic readiness and this healthcare system as separate publication to pa more comprehensive pathallenges and ongoing	response evaluation for nd other facilities in a rovide stakeholders with icture of regional VHA

Healthcare Processes	Review Elements	Critical Recommendations for Improvement	Recommendations for Improvement
Quality, Safety, and Value	<ul> <li>QSV committee</li> <li>Systems redesign and improvement</li> <li>Protected peer reviews</li> <li>Surgical program</li> </ul>	• None	• None
RN Credentialing	<ul><li>RN licensure requirements</li><li>Primary source verification</li></ul>	• None	• None
Medication Management: Remdesivir Use in VHA	<ul> <li>Staff availability for medication shipment receipt</li> <li>Medication order naming</li> <li>Satisfaction of inclusion criteria prior to medication administration</li> <li>Required testing prior to medication administration</li> <li>Patient/caregiver education</li> <li>Adverse event reporting to the FDA</li> </ul>	• None	• None
Mental Health: Emergency Department and Urgent Care Center Suicide Risk Screening and Evaluation	<ul> <li>Columbia-Suicide         Severity Rating Scale         initiation and note         completion</li> <li>Suicide safety plan         completion</li> <li>Staff training         requirements</li> </ul>	• None	• None

Healthcare Processes	Review Elements	Critical Recommendations for Improvement	Recommendations for Improvement
Care Coordination: Inter-facility Transfers	<ul> <li>Inter-facility transfer policy</li> <li>Inter-facility transfer monitoring and evaluation</li> <li>Inter-facility transfer form/facility-defined equivalent with all required elements completed by the appropriate provider(s) prior to patient transfer</li> <li>Patient's active medication list and advance directive sent to receiving facility</li> <li>Communication between nurses at sending and receiving facilities</li> </ul>	<ul> <li>Staff monitor and evaluate interfacility transfers.</li> <li>Referring physicians record all required elements in the electronic health record prior to patient transfers.</li> <li>Staff send pertinent medical records, including an active patient medication list, to the receiving facility during interfacility transfers.</li> </ul>	Staff use the VA     Inter-Facility     Transfer Form or an     equivalent note to     document inter- facility transfers.
High-Risk Processes: Management of Disruptive and Violent Behavior	<ul> <li>Policy for reporting and tracking of disruptive behavior</li> <li>Employee threat assessment team implementation</li> <li>Disruptive behavior committee or board establishment</li> <li>Disruptive Behavior Reporting System use</li> <li>Patient notification of an Order of Behavioral Restriction</li> <li>Annual Workplace Behavioral Risk Assessment with involvement from required participants</li> <li>Mandatory staff training</li> </ul>	• None	Staff complete all required prevention and management of disruptive behavior training based on the risk level assigned to their work areas.

## **Appendix B: Healthcare System Profile**

The table below provides general background information for this highest complexity (1a) affiliated healthcare system reporting to VISN 8.<sup>1</sup>

Table B.1. Profile for Miami VA Healthcare System (546) (October 1, 2017, through September 30, 2020)

Profile Element	Healthcare System Data FY 2018*	Healthcare System Data FY 2019	Healthcare System Data FY 2020 <sup>‡</sup>
Total medical care budget	\$558,878,523	\$597,888,934	\$745,632,802
Number of:			
Unique patients	56,832	57,199	53,906
<ul> <li>Outpatient visits</li> </ul>	768,770	796,848	758,339
<ul> <li>Unique employees<sup>§</sup></li> </ul>	3,461	3,516	3,949
Type and number of operating beds:			
Community living center	110	110	110
Domiciliary	53	53	53
Intermediate	28	28	-
Medicine	71	71	71
Mental health	28	28	28
Neurology	5	5	5
Rehabilitation medicine	6	6	6
Spinal cord	36	36	36
Surgery	30	30	30
Average daily census:			
Community living center	67	78	76
Domiciliary	30	27	20
Medicine	43	41	34
Mental health	19	17	15
Neurology	1	0	0

<sup>&</sup>lt;sup>1</sup> "Facility Complexity Model," VHA Office of Productivity, Efficiency & Staffing (OPES), accessed August 20, 2021, <a href="http://opes.vssc.med.va.gov/Pages/Facility-Complexity-Model.aspx">http://opes.vssc.med.va.gov/Pages/Facility-Complexity-Model.aspx</a>. (This is an internal website not publicly accessible.) VHA medical centers are classified according to a facility complexity model; a designation of "1a" indicates a facility with "high volume, high risk patients, most complex clinical programs, and large research and teaching programs." An affiliated healthcare system is associated with a medical residency program.

Profile Element	Healthcare System Data FY 2018*	Healthcare System Data FY 2019	Healthcare System Data FY 2020 <sup>‡</sup>
Rehabilitation medicine	4	5	5
Spinal cord	25	22	17
Surgery	17	18	14

Source: VA Office of Academic Affiliations, VHA Support Service Center, and VA Corporate Data Warehouse.

Note: The OIG did not assess VA's data for accuracy or completeness.

<sup>\*</sup>October 1, 2017, through September 30, 2018.

October 1, 2018, through September 30, 2019.

<sup>&</sup>lt;sup>‡</sup>October 1, 2019, through September 30, 2020.

<sup>§</sup>Unique employees involved in direct medical care (cost center 8200).

## **Appendix C: VA Outpatient Clinic Profiles**

The VA outpatient clinics in communities within the catchment area of the healthcare system provide primary care integrated with women's health, mental health, and telehealth services. Some also provide specialty care, diagnostic, and ancillary services. Table C.1. provides information relative to each of the clinics.<sup>1</sup>

Table C.1. VA Outpatient Clinic Workload/Encounters and Specialty Care, Diagnostic, and Ancillary Services Provided (October 1, 2019, through September 30, 2020)

Location	Station No.	Primary Care Workload/ Encounters	Mental Health Workload/ Encounters	Specialty Care Services Provided	Diagnostic Services Provided	Ancillary Services Provided
Sunrise, FL	546BZ	29,580	22,658	Allergy Eye Cardiology Dermatology Endocrinology Gastroenterology GYN Infectious disease Nephrology Neurology Orthopedics Podiatry Poly-Trauma	Laboratory & Pathology Nuclear med Radiology	Dental Nutrition Pharmacy Prosthetics Social work Weight management

<sup>&</sup>lt;sup>1</sup> VHA Directive 1230(4), *Outpatient Scheduling Processes and Procedures*, July 15, 2016, amended June 17, 2021. An encounter is a "professional contact between a patient and a provider vested with responsibility for diagnosing, evaluating, and treating the patient's condition." Specialty care services refer to non-primary care and non-mental health services provided by a physician.

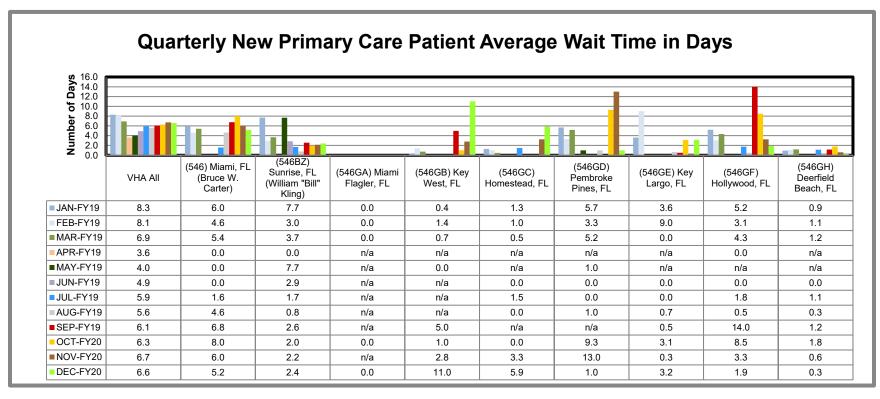
Location	Station No.	Primary Care Workload/ Encounters	Mental Health Workload/ Encounters	Specialty Care Services Provided	Diagnostic Services Provided	Ancillary Services Provided
Sunrise, FL (continued)	546BZ	29,580	22,658	Rehab physician Urology		
Miami, FL	546GA	702	27	_	_	_
Key West, FL	546GB	2,130	1,330	Dermatology Endocrinology Infectious disease Nephrology Podiatry Rehab physician Urology	_	Nutrition Social work
Homestead, FL	546GC	3,737	5,737	Dermatology Eye	_	Nutrition Pharmacy Weight management
Pembroke, FL	546GD	4,160	1,673	-	_	Nutrition Pharmacy Weight management
Key Largo, FL	546GE	1,262	229	Dermatology Nephrology	_	Nutrition
Hollywood, FL	546GF	6,532	1,736	Dermatology	_	Nutrition Pharmacy Weight management

Location	Station No.	Primary Care Workload/ Encounters	Mental Health Workload/ Encounters	Specialty Care Services Provided	Diagnostic Services Provided	Ancillary Services Provided
Deerfield Beach, FL	546GH	2,747	1,245	Nephrology	_	Nutrition Pharmacy Weight management

Source: VHA Support Service Center and VA Corporate Data Warehouse.

Note: The OIG did not assess VA's data for accuracy or completeness.

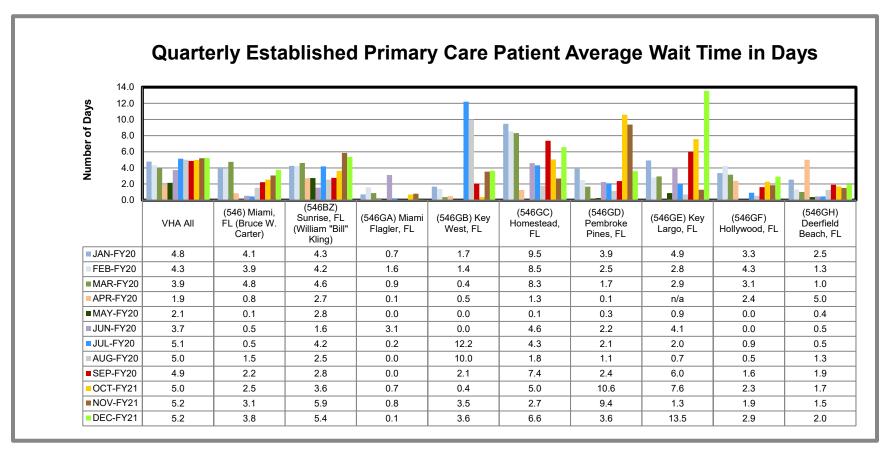
## **Appendix D: Patient Aligned Care Team Compass Metrics**



Source: VHA Support Service Center. Department of Veterans Affairs, Patient Aligned Care Teams Compass Data Definitions, <a href="https://vssc.med.va.gov/">https://vssc.med.va.gov/</a>, accessed October 21, 2019.

Note: The OIG did not assess VA's data for accuracy or completeness.

Data Definition: "The average number of calendar days between a New Patient's Primary Care completed appointment (clinic stops 322, 323, and 350, excluding [Compensation and Pension] appointments) and the earliest of [three] possible preferred (desired) dates (Electronic Wait List (EWL), Cancelled by Clinic Appointment, Completed Appointment) from the completed appointment date." Prior to FY 2015, this metric was calculated using the earliest possible create date. The absence of reported data is indicated by "n/a."



Source: VHA Support Service Center. Department of Veterans Affairs, Patient Aligned Care Teams Compass Data Definitions, <a href="https://vssc.med.va.gov/">https://vssc.med.va.gov/</a>, accessed October 21, 2019.

Note: The OIG did not assess VA's data for accuracy or completeness.

Data Definition: "The average number of calendar days between an Established Patient's Primary Care completed appointment (clinic stops 322, 323, and 350, excluding [Compensation and Pension] appointments) and the earliest of [three] possible preferred (desired) dates (Electronic Wait List (EWL), Cancelled by Clinic Appointment, Completed Appointment) from the completed appointment date." The absence of reported data is indicated by "n/a."

# Appendix E: Strategic Analytics for Improvement and Learning (SAIL) Metric Definitions

Measure	Definition	Desired Direction
Adjusted LOS	Acute care risk adjusted length of stay	A lower value is better than a higher value
AES data use	Composite measure based on three individual All Employee Survey (AES) data use and sharing questions	A higher value is better than a lower value
Care transition	Care transition (inpatient)	A higher value is better than a lower value
CMS MORT	Centers for Medicare and Medicaid Services (CMS) risk standardized mortality rate	A lower value is better than a higher value
ED throughput	Composite measure for timeliness of care in the emergency department	A lower value is better than a higher value
HC assoc infections	Health care associated infections	A lower value is better than a higher value
HEDIS like – HED90_1	Healthcare Effectiveness Data and Information Set (HEDIS) composite score related to outpatient behavioral health screening, prevention, immunization, and tobacco	A higher value is better than a lower value
HEDIS like – HED90_ec	HEDIS composite score related to outpatient care for diabetes and ischemic heart disease	A higher value is better than a lower value
Hospital Rating (HCAHPS)	Overall rating of hospital stay (inpatient only)	A higher value is better than a lower value
MH continuity care	Mental health continuity of care (FY14Q3 and later)	A higher value is better than a lower value
MH exp of care	Mental health experience of care (FY14Q3 and later)	A higher value is better than a lower value
MH popu coverage	Mental health population coverage (FY14Q3 and later)	A higher value is better than a lower value

Measure	Definition	Desired Direction
Oryx – GM90_1	ORYX inpatient composite of global measures	A higher value is better than a lower value
PCMH care coordination	PCMH care coordination	A higher value is better than a lower value
PCMH same day appt	Days waited for appointment when needed care right away (PCMH)	A higher value is better than a lower value
PCMH survey access	Timely appointment, care and information (PCMH)	A higher value is better than a lower value
PSI90	Patient Safety and Adverse Events Composite (PSI90) focused on potentially avoidable complications and events	A lower value is better than a higher value
Rating PC provider	Rating of PC providers (PCMH)	A higher value is better than a lower value
Rating SC provider	Rating of specialty care providers (specialty care)	A higher value is better than a lower value
RSRR-HWR	Hospital wide readmission	A lower value is better than a higher value
SC care coordination	SC (specialty care) care coordination	A higher value is better than a lower value
SC survey access	Timely appointment, care and information (specialty care)	A higher value is better than a lower value
SMR30	Acute care 30-day standardized mortality ratio	A lower value is better than a higher value
Stress discussed	Stress discussed (PCMH Q40)	A higher value is better than a lower value

Source: VHA Support Service Center.

# Appendix F: Community Living Center (CLC) Strategic Analytics for Improvement and Learning (SAIL) Measure Definitions

Measure	Definition
Ability to move independently worsened (LS)	Long-stay measure: percentage of residents whose ability to move independently worsened.
Catheter in bladder (LS)	Long-stay measure: percent of residents who have/had a catheter inserted and left in their bladder.
Discharged to Community (SS)	Short-stay measure: percentage of short-stay residents who were successfully discharged to the community.
Falls with major injury (LS)	Long-stay measure: percent of residents experiencing one or more falls with major injury.
Help with ADL (LS)	Long-stay measure: percent of residents whose need for help with activities of daily living has increased.
High risk PU (LS)	Long-stay measure: percent of high-risk residents with pressure ulcers.
Improvement in function (SS)	Short-stay measure: percentage of residents whose physical function improves from admission to discharge.
Moderate-severe pain (LS)	Long-stay measure: percent of residents who self-report moderate to severe pain.
Moderate-severe pain (SS)	Short-stay measure: percent of residents who self-report moderate to severe pain.
New or worse PU (SS)	Short-stay measure: percent of residents with pressure ulcers that are new or worsened.
Newly received antipsych meds (SS)	Short-stay measure: percent of residents who newly received an antipsychotic medication.
Outpatient ED visit (SS)	Short-stay measure: percent of short-stay residents who have had an outpatient emergency department (ED) visit.
Physical restraints (LS)	Long-stay measure: percent of residents who were physically restrained.

Measure	Definition
Receive antipsych meds (LS)	Long-stay measure: percent of residents who received an antipsychotic medication.
Rehospitalized after NH Admission (SS)	Short-stay measure: percent of residents who were re-hospitalized after a nursing home admission.
UTI (LS)	Long-stay measure: percent of residents with a urinary tract infection.

Source: VHA Support Service Center.

## **Appendix G: VISN Director Comments**

#### **Department of Veterans Affairs Memorandum**

Date: September 3, 2021

From: Director, VA Sunshine Healthcare Network (10N8)

Subj: Comprehensive Healthcare Inspection of the Miami VA Healthcare System in

Florida

To: Director, Office of Healthcare Inspections (54CH03)

Director, GAO/OIG Accountability Liaison (VHA 10B GOAL Action)

I have reviewed the VAOIG's report as well as the Miami VA Healthcare System response and concur with the findings, recommendations, and action plans submitted by the Miami VA Healthcare System.

(Original signed by:)

Miguel H. LaPuz, M.D., MBA

## **Appendix H: Healthcare System Director Comments**

## **Department of Veterans Affairs Memorandum**

Date: September 2, 2021

From: Director, Miami VA Healthcare System (546/00)

Subj: Comprehensive Healthcare Inspection of the Miami VA Healthcare System in

Florida

To: Director, VA Sunshine Healthcare Network (10N8)

 On behalf of the Miami VA Healthcare System, I want to express my appreciation to the Office of Inspector General (OIG) Office of Healthcare Inspections for the Comprehensive Healthcare Inspection review of the Miami VA Healthcare System conducted March 15 – March 19, 2021.

2. The attached documents provide comment to the reported findings and outlines the actions taken by the staff of the Miami VA Healthcare System in response to the OIG recommendations.

(Original signed by:)

Vincent A. Gennaro

For Kalautie S. JangDhari, Director

## **OIG Contact and Staff Acknowledgments**

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