

# FLORIDA WOUND CARE EXCELLENCE PROGRAM

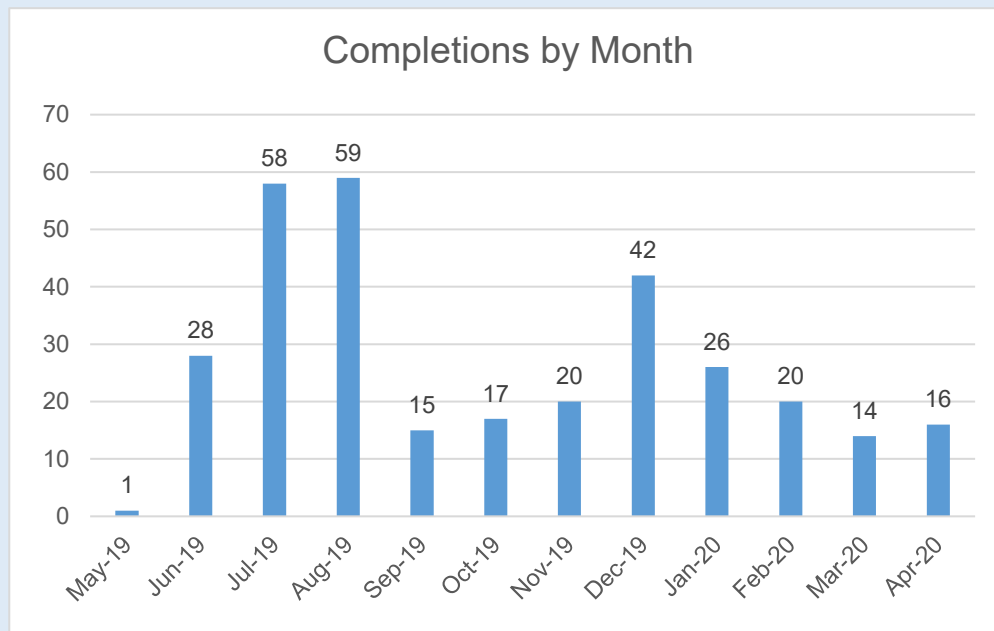
May 1<sup>st</sup>, 2019 through April 30<sup>th</sup>, 2020

## 1. Summary:

The Florida Wound Care Excellence Program provides 350 scholarships for nurses of skilled nursing facilities over a 12-month period. The program launched on May 1, 2019 when Florida Post-Acute Care, LLC (“Vohra Wound Physicians”) created a custom portal and website, <https://vohrawoundcare.com/cmp/florida>. Upon completion of the website, registration became available and the clinical staff began accessing the clinical modules.

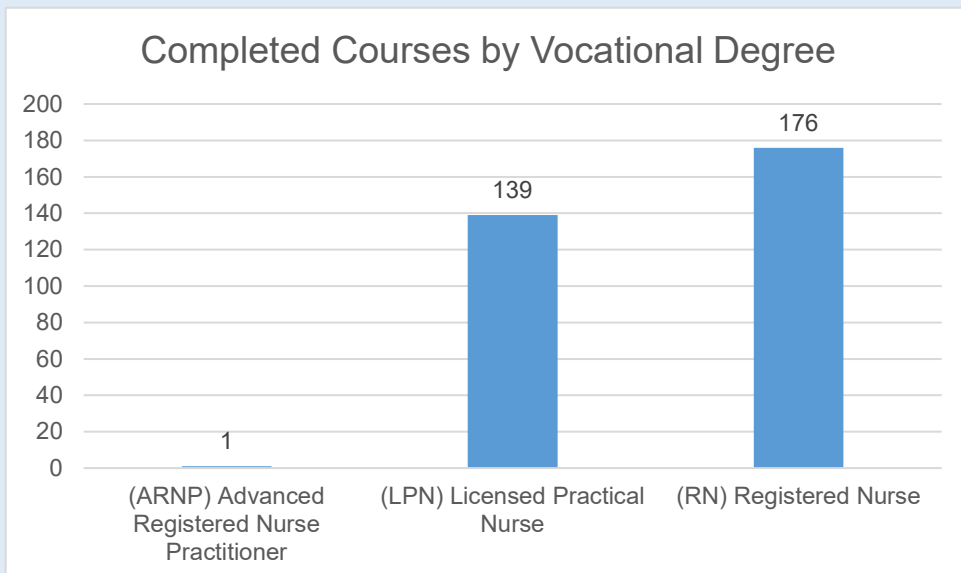
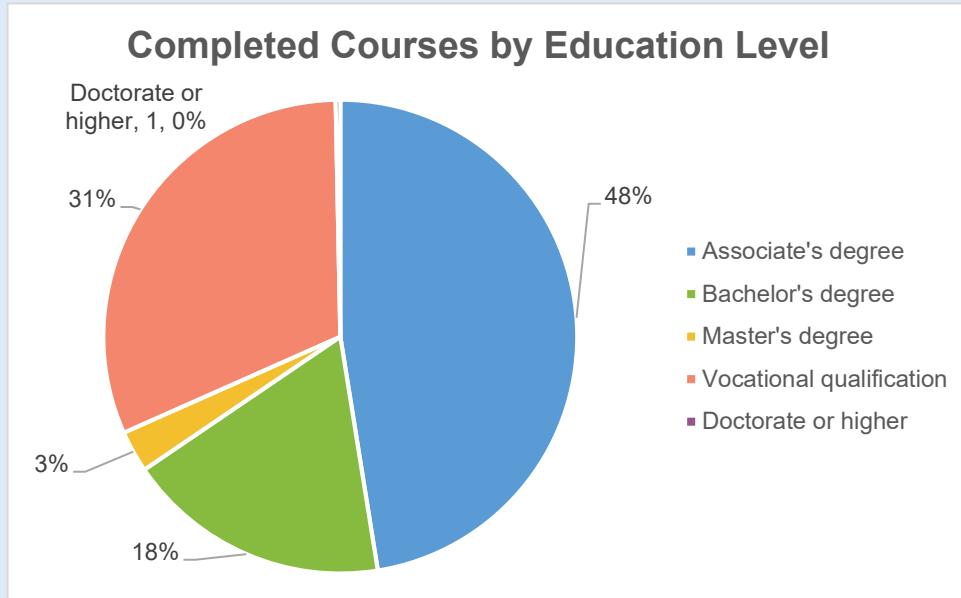
The program closes out yielding a completion rate of 90%, with a total of 50 completions that took place during the last 2 months of the program. There were thirty-eight nurses who did not complete the course timely despite aggressive follow-up by our team. Overall, we believe the program was successful in respect to our goal and are thankful to have partnered with the state to fulfill our mission of raising the level of wound care education and competence for nurses in Florida.

Completions by month are depicted in the chart below:



## 2. Demographic Data:

The average age of an enrolled nurse was 42.6 years of which 92.7% are female and 7.3% are male. Further, 150 nurses or 47.5% have an Associate's degree, and 67 or 21.2% of the registrations hold a Bachelor's Degree or higher. The remaining nurses hold a Vocational Qualification. The composition of completions by education level and vocational degrees can be found in the charts below:



### 3. Principal Nursing Employment:

The 316 completed courses reached 134 nursing facilities for which the listing can be found in *Exhibit A*. Additionally, the program reached a broad cross section of the state by educating nurses located in 41 counties of which 76 nurses or 24% reside in Duval, Orange, Volusia, and Broward Counties. Completed courses by county can be found in *Exhibit B*.

### 4. Other:

- On average it took participants 2.5 attempts to complete the final exam.
- On average it took participants 29 days to complete the course after registering.

### 5. Clinical Outcomes Reporting:

In our proposal we indicated that this program had the potential to impact the quality of care for residents in facilities when a nurse underwent training and wound care certification. Nurses with higher levels of training have the potential to impact patient outcomes as measures by various clinical wound outcome measure. To evaluate these potential impacts on clinical outcomes we tracked quality measures publicly reported to CMS in the period before and after a nurse was trained in this program. The nurse and facility were tracked for the reported measures specific to a given facility. In the case in which we also had specific data on the pressure ulcer scale for healing (PUSH) for a facility we recorded these. At the conclusion of this program we have analyzed the data for these quality indicators and compared facilities with and without a nurse who participated in this program

#### ***Findings:***

Facilities that had a nurse completing the program we found on average had a higher percentage of high risk long-stay residents with pressure ulcers before starting the program. In these facilities the rate was 12.2% versus the average of 10.1% in all facilities across Florida before the start of the program. After completion of the program the number of long stay residents with pressure ulcers dropped by 34% to a rate of 8% in these participating facilities (*note: The most current CMS reported data available is for Q4 of 2019. If completion of the program occurred in 2020 the impact cannot yet be reported. In the state of Texas where this program was also funded, and completion data is fully available a similar impact was seen*).

Pressure Ulcer Scale for Healing (PUSH) scores for which data was available demonstrated a decrease in severity of wounds of 26% in facilities where a nurse participated in the program.



## 6. Conclusion:

A structured wound care education and certification for wound care nurses has a significant impact on both the number of residents with pressure ulcers (long stay MDS measure) and severity of the wounds themselves (PUSH scores).

Overall, we are pleased with the outcome of our CMP project given that 316 nurses were successful in achieving their certification and 20 accredited continuing nursing education credits. Additionally, we are proud of the positive feedback we have received from nurses and their respective facilities. Many of our participants expressed how they enjoyed the course and gained a valuable and deeper insight into wound care management. We fully anticipate paralleling these results in any future program with the state.



**Exhibit A**

**CERTIFICATES ISSUED BY SKILLED NURSING FACILITY**

<b>Skilled Nursing Facility</b>	<b># of Completed Courses</b>
St James Health And Rehabilitation Center	14
Bayside Health And Rehabilitation Center	4
Washington Rehabilitation And Nursing Center	1
Palm Garden Of Port Saint Lucie	3
Gardens Health & Rehabilitation Center, The	1
Fleet Landing	9
Crystal Health And Rehab Center, Llc	8
Hamlin Place Of Boynton Beach	2
Woodland Grove Health & Rehabilitation Center	1
Sea Breeze Rehab And Nursing Center	1
Blountstown Health And Rehabilitation Center	7
Grove Health & Rehabilitation Center, The	2
Governors Creek Health And Rehabilitation	1
Port St Lucie Rehabilitation And Healthcare	1
Terra Vista Rehab And Health Center	6
Plantation Nursing & Rehabilitation Center	5
Edgewood Nursing Center	2
Baya Pointe Nursing And Rehabilitation Center	4
River Valley Rehabilitation Center	5
Oaktree Healthcare	1
Anchor Care And Rehabilitation Center	3
Park Summit At Coral Springs	2
Adventhealth Care Center Orlando North	1
Westminster Point Pleasant	3
Stratford Court Of Palm Harbor	1
Manor Oaks Nursing & Rehabilitation Center	2
Cross Care Center	1
Barrington Terrace Of Boynton Beach	2
Isle Health & Rehabilitation Center	2
Solaris Healthcare Imperial	1
Stratford Court Of Boca Raton	1
Northbrook Health And Rehabilitation Center	1
Aventura Rehab And Nursing Center	4
Palm Garden Of West Palm Beach	1
Citrus Health And Rehabilitation Center	1
Manorcare Health Services	1



Osprey Point Nursing Center	1
Avalon Healthcare Center	5
The Lodge Health And Rehabilitation Center	1
Sarasota Point Rehabilitation Center	6
Riviera Palms Rehabilitation Center	3
Clifford Chester Sims State Veterans Nursing Home	1
Ocala Oaks Rehabilitation Center	3
Pinellas Point Nursing And Rehab Center	2
Lanier Rehabilitation Center	1
Metro West Nursing And Rehab Center	3
Bayshore Pointe Nursing And Rehab Center	4
Jacksonville Nursing And Rehab Center	3
Boynton Beach Rehabilitation Center	2
Signature Healthcare Of Port Charlotte	3
Oak View Rehabilitation Center	5
Avante At Ocala, Inc	3
Jacaranda Manor	2
Oak Hammock At The University Of Florida Inc	1
Atlantic Shores Nursing And Rehab Center	4
Palm Garden Of Ocala	2
Broward Nursing & Rehabilitation Center	1
Tiffany Hall Nursing And Rehab Center	8
Heritage Park Care And Rehabilitation Center	8
Signature Healthcare At The Courtyard	3
Surrey Place Care Center	6
Brandywyne Health Care Center	3
Signature Healthcare Of Palm Beach	3
Emerald Health Care Center	3
Chautauqua Rehabilitation And Nursing Center	4
Solaris Healthcare Windermere	1
Alexander "sandy" Nininger State Veterans Nursing	1
Avante At Boca Raton, Inc.	2
Lake Park Of Madison Nursing And Rehabilitation Ce	2
Pinecrest Rehabilitation Center	1
Life Care Center Of Sarasota	1
Crestview Rehabilitation Center, Llc	1
Flagler Health And Rehabilitation Center	1
Medicana Nursing And Rehab Center	5
Suwannee Health And Rehabilitation Center	3
Moultrie Creek Nursing And Rehab Center	1



Port Orange Nursing And Rehab Center	2
Parkview Rehabilitation Center At Winter Park	5
Fort Walton Rehabilitation Center, Llc	1
Manor Pines Convalescent Center	1
Westminster Woods On Julington Creek	1
Glades West Rehabilitation And Nursing C	1
Shore Acres Care Center	1
Health Center At Brentwood	8
Signature Healthcare Of Jacksonville	1
Royal Oaks Nursing And Rehab Center	1
Orange City Nursing And Rehab Center	2
Indigo Manor	3
Signature Healthcare Of Orange Park	1
Parkside Health And Rehabilitation Center	1
Madison Health And Rehabilitation Center	1
Riverchase Health And Rehabilitation Center	1
Oakhurst Center	3
Harts Harbor Health Care Center	1
Palm Garden Of Jacksonville	2
Signature Healthcare Of Gainesville	4
Westminster Suncoast	1
Jackson Plaza Nursing And Rehabilitation Center	3
Ponce Plaza Nursing & Rehabilitation Center	1
Adventhealth Care Center Orlando East	1
Lady Lake Specialty Care Center	1
Arch Plaza Nursing & Rehabilitation Center	1
Park Ridge Nursing Center	1
Salerno Bay Health And Rehabilitation Center	5
Titusville Rehabilitation & Nursing Center	1
Adventhealth Care Center Zephyrhills South	1
Crossings, The	1
Palm Garden Of Tampa	1
North Campus Rehabilitation And Nursing Center	2
Nspire Healthcare Tamarac	4
Coastal Health And Rehabilitation Center	1
Good Samaritan Society-Daytona	3
Debary Health And Rehabilitation Center	2
Carlton Shores Health And Rehabilitation Center	1
Palm Garden Of Gainesville	3
Oaks Of Kissimmee Health And Rehabilitation Center	2
Avante At Leesburg, Inc	1



Arcadia Health & Rehabilitation Center	1
Rosewood Healthcare And Rehabilitation Center	1
Olive Branch Health And Rehab Center	1
Kr At Hillsborough Lakes	1
Wilton Manors Health & Rehabilitation Center	2
Clyde E Lassen State Veterans Nursing Home	1
Park Meadows Health And Rehabilitation Center	2
Unity Health And Rehabilitation Center	1
Terrace Of St Cloud, The	1
Harmony Health Center	1
Gulf Shore Care Center	1
Golden Glades Nursing And Rehabilitation Center	1
Guardian Care Nursing & Rehabilitation Center	1
Trinity Regional Rehab Center	1
Terraces Of Lake Worth Care Center	1
Scott Lake Health And Rehabilitation Center	1
Palm Garden Of Largo	2
<b>Grand Total</b>	<b>316</b>





**Exhibit B**

**CERTIFICATES ISSUED BY COUNTY**

<b>County</b>	<b># of Completed Courses</b>
Duval	22
Orange	18
Washington	1
Franklin	14
Escambia	7
St. Lucie	15
Volusia	17
Monroe	8
Palm Beach	20
Indian River	1
Calhoun	12
Citrus	11
Clay	9
Broward	19
Columbia	9
Brevard	9
Manatee	15
Pinellas	10
Collier	1
Hernando	1
Miami-Dade	13
Sarasota	7
Sumter	1
Marion	9
Bay	1
Hillsborough	6
Charlotte	3
Alachua	13
Jackson	3
Suwannee	9
Polk	4
Walton	4
Madison	3
Okaloosa	2
Flagler	1
St. Johns	3



Gadsden	1
Lake	4
Martin	5
Pasco	2
Osceola	3
<b>Grand Total</b>	<b>316</b>