

## **Protect the skin from BiPAP related pressure injury**

**Frantz Dorestant Jr.**

Long Island Jewish Forest Hills, USA

**Pre-data:** We had a significant increase in device related pressure injuries due to BiPAP masks in 2019.

Why did you choose this project? To research best practice in order to determine the best way to provide pressure reduction to the skin, while using a BiPAP device.

What are your data points? Number of hospital acquired pressure injuries due to BiPAP masks, target number of hospital acquired pressure injuries for the year, devices trialed, patient population to be used on, device selected, collaboration with respiratory, barriers (device not staying in place), adjustments due to barriers (adjustment of device to the device and not on patients nose).

**Project to be implemented:** Identify your stakeholders: RN, MD, PCA, RT and patients that require BiPAP use.

**Identify your interventions:** Formation of a committee to address this topic, trial of multiple pressure injury prevention resources, implementation of assessment and intervention by the Respiratory Therapist and RN's, indication of who is using BiPAP therapy every day through daily email blasts, and weekly audits done by the CWOCN.

How will you measure success of program? Identify your measures: Decrease the number of device related hospital acquired pressure injuries by 25% in a year (Short Term). No device related hospital acquired pressure injuries (Long Term).

**Initiation date:** 4/1/19

**Proposed measurement Points:** Daily identification of patients requiring BiPAP therapy by the CWOCN or Director of Nursing, daily evaluation of pressure injury prevention device placement by the nurse and/or respiratory therapist, and weekly evaluation of target goal achievement by the CWOCN.

## **Biography**

Frantz Dorestant Jr has completed his BS in Biological Science from NC State University, BSN from NC Central University, CWOCN from Emory University, MSN in Executive Nursing Leadership and Healthcare Systems from Grand Canyon University and is a recent graduate from Adelphi University with an NP in Adult-Gerontology. He is currently the Chief Wound Care Specialist at Long Island Jewish Forest Hills and the Co-Chair of Northwell Health Wound Ostomy Continence. He serves on the Advertising Committee for the Wound Ostomy Continence Certification Board and Marketing Committee for the WOCN Society. He has been in wound care for over 10 yrs with multiple accepted evidence-based research projects focusing on wounds, ostomy's, incontinence and podiatric specialties.

**Received:** August 29, 2022; **Accepted:** August 31, 2022; **Published:** November 23, 2022