

Decreasing Hospital Acquired Pressure Injuries

Justine Depena BSN, RN
Lehigh Valley Health Network, Justine.Depena@lvhn.org

Judith Houdershielt RN
Lehigh Valley Health Network, Judith.Houdershielt@lvhn.org

Morgan Puida BSN, RN
Lehigh Valley Health Network, Morgan.Puida@lvhn.org

Megan Rosenberger BSN, RN
Lehigh Valley Health Network, Megan.Rosenberger@lvhn.org

Follow this and additional works at: <https://scholarlyworks.lvhn.org/patient-care-services-nursing>



Part of the [Nursing Commons](#)

Published In/Presented At

Depena, J., Houdershielt, J., Puida, M., & Rosenberger, M. (2020, August). Decreasing Hospital Acquired Pressure Injuries. Poster presented at LVHN Vizient/AACN Nurse Residency Program Graduation, Lehigh Valley Health Network, Allentown, PA.

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.

Decreasing Hospital Acquired Pressure Injuries

Justine Depena BSN, RN, Judith Houdershieldt RN, Morgan Puida BSN, RN, Megan Rosenberger BSN, RN

Lehigh Valley Health Network, Allentown, Pennsylvania

BACKGROUND

- Greater than 1 million pressure injuries occur in patients each year (Dziedzic, 2019).
- Pressure injuries occur most commonly in elderly patients, those who are malnourished, and those with debilitating disease or comorbidities (Dziedzic, 2019).
- Pressure ulcers can often become chronic wounds that are difficult to treat and that tend to recur after healing (Mervis and Phillips, 2019).

PICO

- P- Patients with a Braden score less than 18
- I- Creating a turning clock magnet for the outside of the door for patients with Braden score less than 18
- C- No magnet
- O- Number of hospital acquired pressure injuries

EVIDENCE

- Positioning patients to minimize pressure on bony prominences can help to prevent pressure injuries. Turning and repositioning regularly can reduce pressure injuries (Dziedzic, 2019)
- Specific positions can be a risk factor for pressure ulcers. Keeping the head of bed low and using the 30 degree lateral tilt position can reduce pressure ulcer incidence (Mervis and Phillips, 2019).
- Study findings show that 2 hour repositioning, and high protein diet supplements are the “best practice” for reduction in pressure injuries (Nadukkandiyil et al., 2019)
- Education of healthcare staff is “an integral” piece of helping to prevent pressure injuries (Porter-Armstrong et al., 2018).

OUTCOMES

Month	Number of Hospital Acquired Pressure Injuries
April 2020	1
May 2020	2
June 2020	2

- The months of April and May are a display of the hospital acquired pressure injuries while using the standard of care.
- For the month of June the turning clock was implemented.
- With the implementation of a turning clock the results showed that there was no change in the number of hospital acquired pressure injuries.

IMPLEMENTATION

- Identified patients with Braden score of less than 18.
- Hung turning clock magnets on the doors of these at risk patients.
- Educated staff with PowerPoint on TLC
- Magnets would serve as a reminder to turn these patients every 2 hours.
- Implementation occurred during the month of June.
- Number of hospital-acquired pressure injuries after completion of implementation would be compared to number of those before implementation.



NEXT STEPS

- Surveying nurses and techs’ adherence to using the turning clock as a reminder to turn and reposition patients
- More education on the importance of continuing to turn and reposition patients.

REFERENCES

- Dziedzic, M.E. (2019). Preventing pressure injuries in an acute care setting. *ClinicalKey*. Retrieved from https://www.clinicalkey.com/nursing/#/content/clinical_updates/54-s2.0-209547
- Mervis, J.S., Phillips, T.J. (2019). Pressure ulcers: Prevention and management. *Journal of the American Academy of Dermatology*, 81(4), 893-902. Retrieved from <https://www.clinicalkey.com/#/content/playContent/1-s2.0-S019096221930091X?scrollTo=%23h0000360>.
- Nadukkandiyil, N., Syamala, S., Saleh, H.A., Sathian, B., Zadeh, K.A., Valappil, S.A. (2019). Implementation of pressure ulcer prevention and management in elderly patients: a retrospective study in tertiary care hospital in Qatar. *The aging man*. <https://doi.org/10.1080/13685538.2019.1670156>
- Porter-Armstrong, A.P., Moore, Z., Bradbury, I., McDonough, S. (2018). Education of healthcare professionals for preventing pressure ulcers. *Cochrane Database of Systematic Reviews*, 5. <https://doi.org/10.1002/14651858.CD011620.pub2>