

PROMOTING NOISE REDUCTION

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PROMOTING NOISE REDUCTION

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BACKGROUND

The need to increase Press Ganey score of “Quietness of Environment” for 5C observation unit
Press Ganey Score: ‘Always’ column <50%

Inpatient Report	Never	Sometimes	Usually	Always
July 2018	2.8%	9.9%	42.3%	45.1%
August 2018	5.3%	8.0%	38.7%	48.0%
September 2018	1.6%	13.1%	44.3%	41.0%
October 2018	6.2%	17.5%	43.8%	32.5%
November 2018	13.0%	11.1%	35.2%	40.7%
December 2018	2.7%	13.5%	39.2%	44.6%

PICO QUESTION

- Will the promotion of noise reduction techniques through staff education for the hospitalized adult observation patient increase the rating of “Quietness of Environment” for 5C Press Ganey scores?
- P: (Population)
Hospitalized adult observation patients
- I: (Intervention)
Staff interventions to reduce noise to promote sleep
 - Staff survey
 - Staff education (TLC)
 - Promotion of quiet basket / interventions
- C: (Comparison)
current practice
- O: (Outcome)
To increase Press Ganey score of ‘quietness of environment’

EVIDENCE

- Promotion of eye masks and earplugs interventions showed beneficial impacts of an objective market of sleep with a reported elevation of nocturnal levels of melatonin.. (Always, A, Halm, M., Shihane, M., St. Pierre, J. 2013)
- Sleep is not formally assessed by many clinicians and not prioritized. (Ye, L., Johnson, S.H., Keane, K., & Dykes, P. 2013).
- With measurement of decibel levels, the loudest area on the unit was the nurse’s station, which has the highest level of activity and is central for call bell and telemetry monitoring. (Connor, A., Ortiz, E. 2009)

IMPLEMENTATION

- Having staff complete a pre-intervention survey measuring awareness and implementation of noise reduction techniques.
- Implementing interventions such as: closing patients doors, dimming lights, lowering voices, clustering care, addressing alarms promptly, quiet signs being posted, & answering call bells/ beck checks promptly.
- Promotion of eye masks and earplugs for each patient
- Reintroduce the use of the ‘quiet basket’ on the floor.
- Educating staff of the effects of noise and importance of reduction of noise for patient healing through TLC education.
- Have clinical staff complete pre- intervention survey

OUTCOME / RESULTS

Press Ganey Scores varied from month to month, “Always” column remained <50%

Inpatient Report	Never	Sometimes	Usually	Always
March 2019	7.5	13.4	32.8	46.3
April 2019	6	10.7	40.5	42.9
May 2019	12.8	17.0	36.2	34.0
June 2019	7.9	17.5	36.5	38.1



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