

Implementation of a Night Shift Education Series in the Neuroscience ICU

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Background

Interventions

Timeline



Educational opportunities can be a challenge for night shift staff. Night shift nurses in the Neuroscience ICU (NSICU) have verbalized feeling excluded from the educational opportunity that dayshift multidisciplinary rounds offer. These rounds allow for an open discussion of patient condition, providing educational opportunities for dayshift staff; thus, an educational gap had developed. In response to this need, the Neurocritical Care Team (NCC), along with nursing management, developed the Night Shift Education Series.



The Night Shift Education Series follows an informal format:

- All NSICU night shift staff members are invited.
- The lecture will begin with respect to the unit flow.
- Time frame is approximately 30 minutes.
- The NCC physicians are encouraged to utilize a white board, handouts.
- Staff members are encouraged to participate in an open discussion.
- Documentation of each lecture's topic, the NCC Provider, date and staff attendance in the Night Shift Education Series binder.



Education Topics

- Head CT Interpretation
- Guillain--Barre Syndrome
- Chest X-ray Interpretation
- Autoimmune Encephalitis
- Transcranial Doppler
- Basics of an Electroencephalogram
- Intracranial Pressure
- Moyamoya Disease
- Brain Aneurysm Clipping vs Coiling
- Neurosarcoidosis
- Watershed Infarcts

Aim Statement

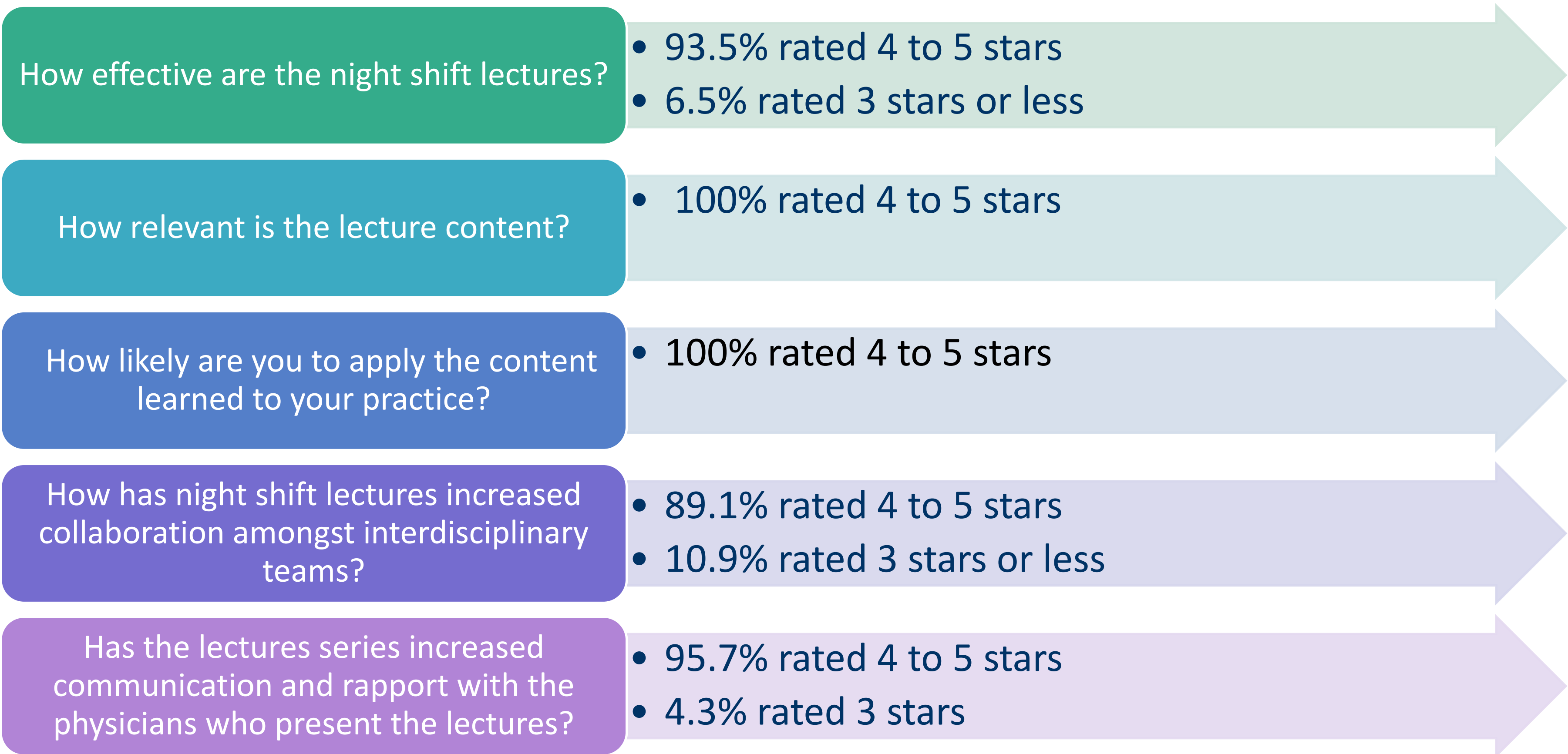
The goal for establishing the Night Shift Education Series was to address limited education opportunities afforded to night shift. Additional objectives were to increase rapport and communication with the NCC providers and increase collaboration amongst the night shift interdisciplinary team.

There has been a total of 116 Night Shift Education Series lectures. Attendance per lecture has ranged between 6 to 12 participants.

Analysis

The initiation of a NSICU Night Shift Education Series was to address an education gap, increase interprofessional engagement, and improve staff knowledge of the NSICU patient population. An anonymous Likert scale survey was distributed to all night shift employees to evaluate effectiveness and satisfaction.

Night Shift Education Series Survey Results



The Likert scale survey asked to rate their experience from one to five stars. One star being the least satisfied to 5 stars being the most satisfied.

Conclusions

The Night Shift Education Series has been incorporated into the unit culture. Staff members have expressed a positive response regarding perceived efficacy, applicability, and relevance of the lectures. The Likert survey data averaged 95.6% satisfaction, proving that the Night Shift Education Series is effective in addressing the educational gap in an innovative and collaborative manner. The series also opened an opportunity to increase communication and rapport between staff and providers. The Neurosurgery Unit has been invited to attend the educations series. Moving forward, the Night Shift Education Series could be implemented on other units to improve staff education satisfaction and provider-staff communication.

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