

Delirium Screening Tool for Elderly Hip Fracture Patients

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UVA

SCHOOL of NURSING

Goal

- To implement a nursing delirium screening (Nu-DESC) tool and delirium care plan in geriatric postoperative hip fracture patients

Background

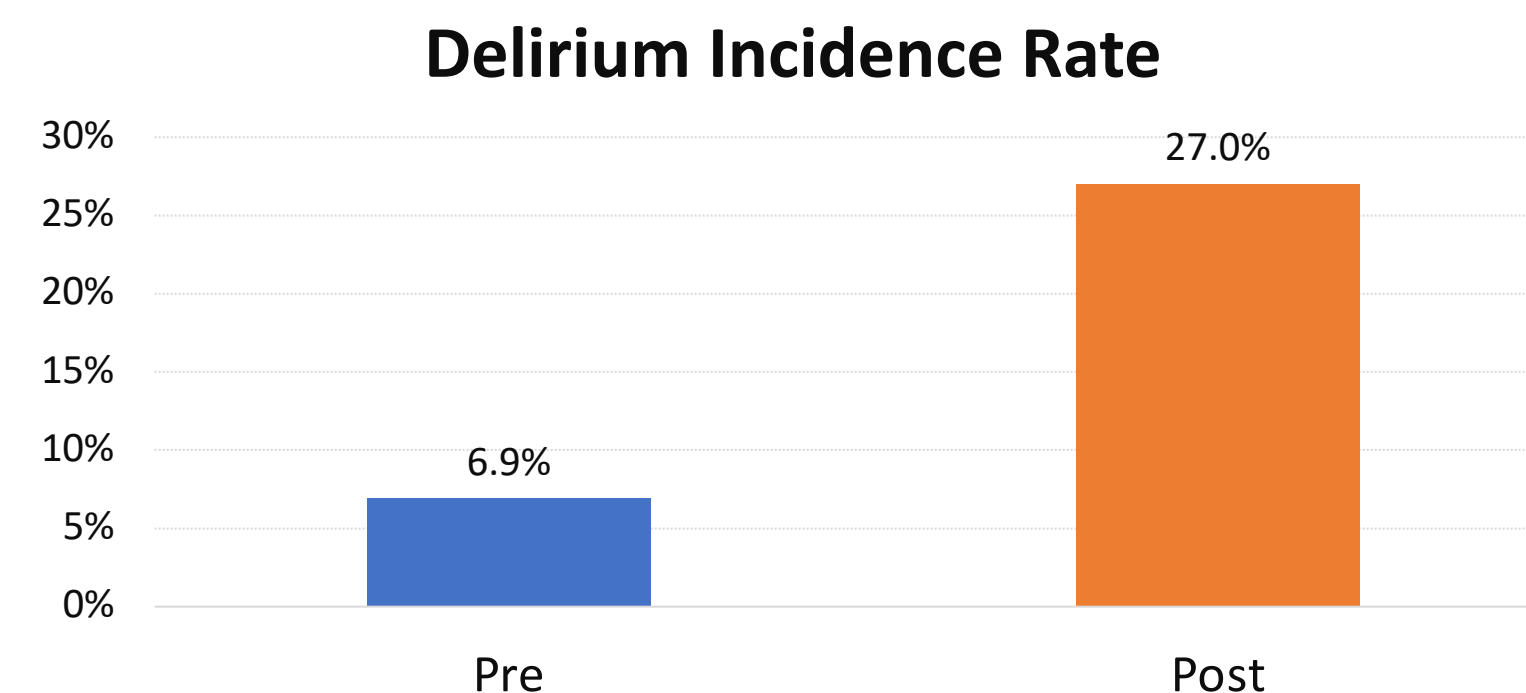
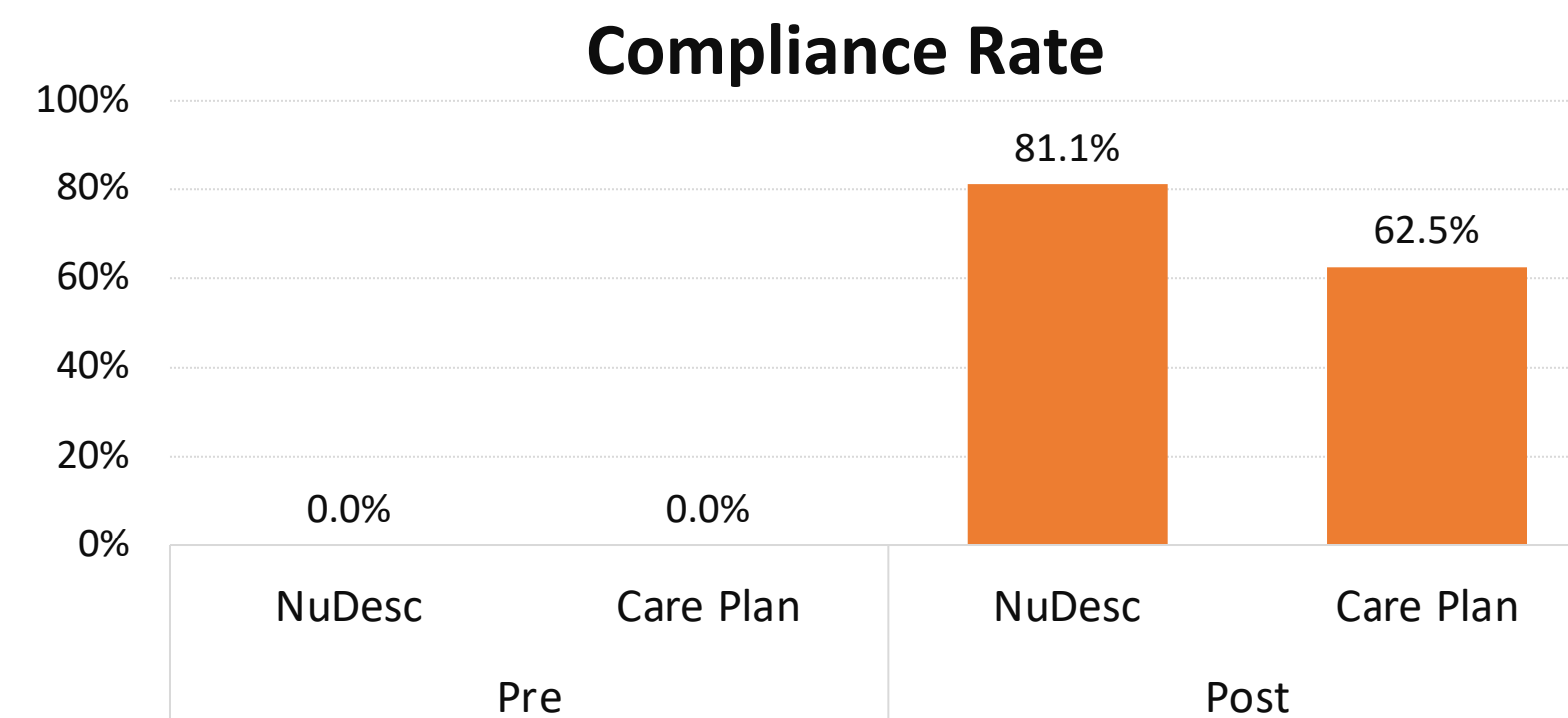
- Incidence of delirium in elderly hip fracture patients: 20-50%
- 1 year mortality rate: 22%
- Using a reliable and validated delirium screening tool helps to support the ability of nurses to easily recognize symptoms.
- Nu-DESC is the most recommended tool in postoperative setting.

Methods

- Sample- >65 y/o, post hip fracture, non-ICU
- Setting- Community hospital
- Procedure
 - Nu-DESC and care plan order set
 - Care plan for Positive screening
 - Chart Review
 - Comparing two groups
- Before implementation Feb -Jun2022 (n=29)
- After Implementation July-Dec 2022 (n=37)

Results/ Key Findings

- Mean age 81 in both group



		Pre	Post
Length of Stay		5.34	5.41
Discharge	Home	13.8% (4)	24.3% (9)
	Rehab	20.7% (6)	8.1% (3)
	SNF	65.5% (19)	64.9% (24)
	Hospice	-	2.7% (1)

Discussion

- High level of compliance
- Delirium detection improved : 3.9 times higher
- More discharge to home and similar LOS

Limitation

- Missing of Hypoactive delirium cases
- Small / different number of sample
- Short time frame

Implications to Military Nursing

- Increased delirium awareness
- Increase the use of a screening tool and prevention strategies
- Standard practice for non-ICU hip fracture patients
- Possible expanding to other geriatric populations

