Improving Orientation of Aging Brain Stroke Patient by Visual Stimulation

Yu-Wen Wang,Chia-Ling Chao[1],Hsiang-Hsun Wu[1]
1.Department of Nursing, E-DA Hospital, Kaohsiung, Taiwan

Background:

According to statistics issued by Taiwan Ministry of Health and Welfare in 2018, cerebrovascular disease ranked fourth in top ten causes of death. In our hospital, the bed occupancy rate in neurology department is 96-99%. Among this, the elderly stroke patients accounted for 75% the majority. Therefore, it is easy to produce a sense of prescience and loss of orientation in the unfamiliar medical environment. Thus, it is an urgent need to actively promote the medical friendly environment for old ages.

Objective:

Improving the medical environment by visual stimulation to make senior stroke patients have more directional sense and less aggressive occurrence.

Methods:

By placing a clear, easy-to-identify digital clock and calendar in the hospital room, using fruit color markers instead of bed numbers to enhance the sensitivity of elderly stroke patients to date, time, and location.

Results:

From the data "Replacement Electronic Clock Questionnaire and Satisfaction Survey" by 30 patients and family members, Likert Scales was used. "Setting clocks in the inpatient room can enhance the orientation of inpatients'", "If the electronic clock and calendar is easy to identify or not", "Fruit icon is easier to remember than bed number" all gain average 5 points.

Conclusion:

Setting the environment to have enlarge clock and hanged calendar to help the elderly strong sense of orientation and reduce the deprecation. Suitable fonts and fruit labels can help elderly patients to identify more easily. Then patients would not get lost and confused in the unfamiliar environment. Create a friendly care environment for the seniors of the whole hospital.

BIOGRAPHY (100-150 words)

My name is Yu-Wen Wang. I graduated from I-Shou University in 2011, in Taiwan. Then I entered to worked at Neurosurgical Intensive Care Unit in E-DA Hospital. From 2011 to 2018. I am working for Neurology ward as a head nurse now. And I'm a lively, optimistic, and easy-going person, I wish I can become a good leader in the future.

Presenting author details

Full name: Yu-Wen Wang

Contact number: 011886932748748

Twitter account: None

Linked In account: :ed106184@edah.org.tw



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