Perceptions of nurses are very important since they are the front liners in the healthcare delivery system. More particularly, on the physical design of the single patient room in the orthopedic unit. Nurses’ opinion matters a lot in the planning and future enhancement in the hospital under study. The issue of the physical design of the hospital unit single patient room. The researcher noticed that adequate moving and working space available for the nurses, patients, family members, and other healthcare givers are very limited. Limited spaces could cause harm or injury not only to the patient and their visiting families but also to the healthcare workers taking care of the patients. The purpose of this study is to determine the nurses’ perceptions on the physical design of the patient’s room in the orthopedic unit and to be able to propose an enhancement for the hospital administration to consider.

- The purpose of this quantitative descriptive study was to answer the research question “What are the perceptions of nurses regarding the physical design of the orthopedic unit single patient room?”
- The respondents were 33 RNs in the orthopedic ward of the research hospital.
- Utilized a survey questionnaire using REDCap web application tool.
- The collected data was analyzed statistically through frequency, percentage ranking and weighted mean revealing that nurses believed there was not enough space to perform nursing duties, and that overall safety, satisfaction, and camaraderie were sacrificed.
- The findings could be used to create EBD, thus increase staff and patient satisfaction, provide safety and camaraderie, increase hospital financial income, and maintain hospital’s status quo in the community.

- IRB approval was obtained.
- A voluntary, anonymous electronic survey of nurses perceptions regarding the physical design of the orthopedic units single patient rooms utilizing REDCap.
- Invitation to participate was emailed to all nursing staff on the unit.

**SURVEY QUESTIONS**

---

### DEMOGRAPHICS

- 29 (87.8%) participants identified as female
- 25 (75.8%) participants identified as Caucasian
- 23 (69.7%) participants held BSNs
- 31 (93.9%) were considered full-time employees
- 22 (66.7%) had less than 10 years of experience on the unit surveyed

### RECOMMENDATIONS

- There is a need to develop an Evidence-Based Design (EBD) for the orthopedic unit single patient room in order to provide effective, safe, and efficient nursing care delivery to the patient by the staff.
- Moreover, it would result in the promotion of staff retention, improvement of patient satisfaction and safety, and in gaining hospital financial and status quo.

**References available upon request.**