Readiness and Necessity for Self-directed Learning among Nursing Student in Japan

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Backgound

- In nursing education, self-directed learning is important for both nursing students and nurses [1].

Objective

- The objective of this study was to understand information-related learning behaviors in order to establish a self-directed learning curriculum for nurses.
- In addition, the information-use environment for clinical nurses was also considered.

Method(1)

- Survey for nursing students
  - Forty-nine students completed a questionnaire survey regarding information retrieval and the information needs of nursing students.

Method(2)

- Interview with a clinical nurse
  - We interviewed a nurse with more than 20 years of clinical nursing experience.
  - The interview included questions regarding her information needs and the information-use environment in clinical settings.
  - The results were analyzed using a qualitative method.

Result(1)

- Survey for nursing students
  - More than half of the nursing students were dissatisfied with the information-use environment and the information retrieval process.
  - Specifically, they found the selection of keywords for document retrieval to be difficult and the system to be unadaptable.

Result(2-1)

- Interview with a clinical nurse
  - Information-use environment
    - The nurse used Internet search engines, e-mail, and the university library at her office and at home and was proactive with regard to seeking information.
    - However, she reported that her colleagues had various difficulties.

Result(2-2)

- Interview with a clinical nurse
  - Information needs in clinical settings
    - Information regarding medicine was the most frequent topic of her information searches.
    - Original documents were the most difficult items to obtain.

Conclusion(1)

- Nursing students and clinical nurses are rather uncertain with regard to how they should seek needed information.
- Their difficulties were exacerbated by the diversity of their information needs, time restrictions, and the information-use environment.

Conclusion(2)

- We think that the creation of a self-directed learning curriculum for nursing students is needed in Japan.

References

1. E,O'Shea. Self-directed learning in nurse education: a review of the literature. Journal of Advanced in Nursing 2003:43(1):62-70.
2. K.W.Cogdill. Information needs and information seeking in primary care: a study of nurse practitioners. J Med Libr Assoc. 2003:91(2):203-15.

Thank you !

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