Information literacy (IL): A prerequisite to EBP

Kim Belcik, RN, BSN

Doctoral Student

University of Texas at Austin, USA

Objectives

- Define IL in nursing.

- Understand IL as a prerequisite to evidence-based nursing practice.

Patient

Microsoft (2005)

KBelcik STTI Vienna

Medical record

Belcik (2004)

What?

KBelcik STTI Vienna

Reference books

Belcik (2004)

Other healthcare providers
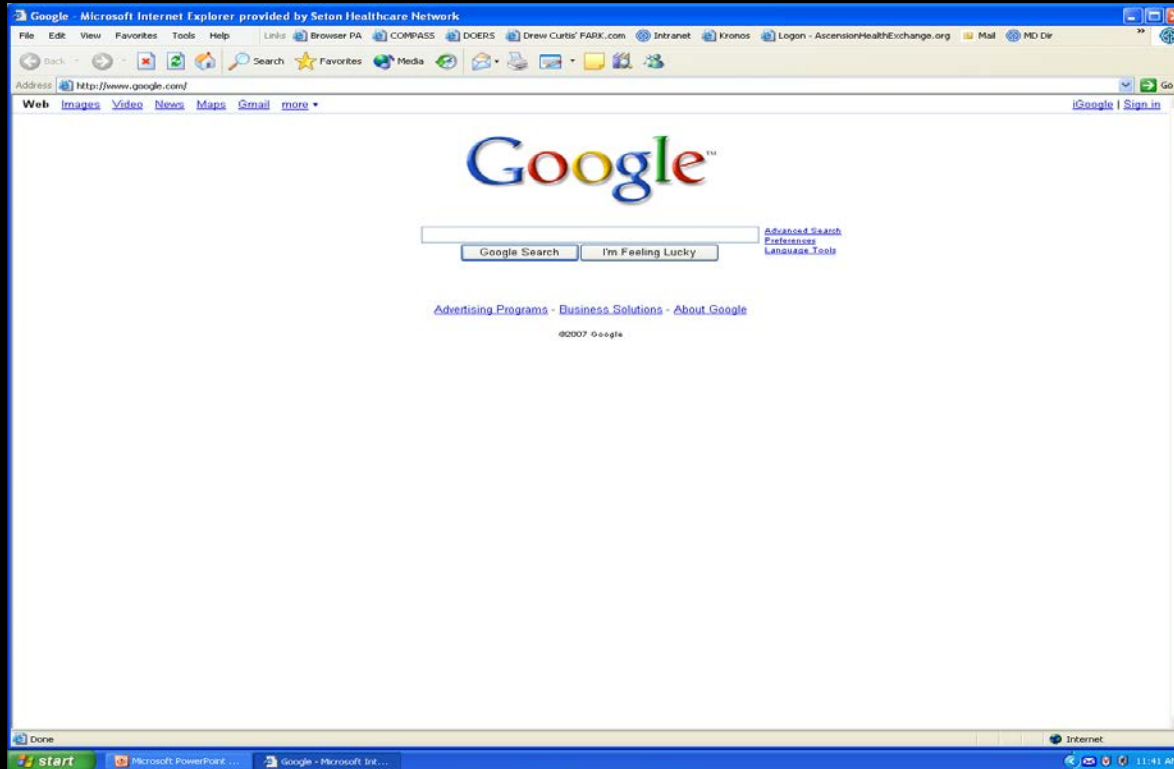

Microsoft (2005)

Computers

Belcik (2004)

Internet

Screenshot google.com

Interest

- Experience as medical/surgical nurse
- Nunberg (2005)
- Saranto & Hovenga (2004)

Context

- Information age

- Internet

- EBP

- Informed consumer

- IOM (2004) *Keeping Patients Safe*

Method

- Walker & Avant (2005)

KBelcik STTI Vienna

Literature

- Information sciences
- Education
- Nursing informatics

Definition of IL

- Self-directed, independent ability
- Locate, access and/or retrieve information efficiently from available sources
- Evaluate quality of information
- Manage, organize information
- Understand implications

KBelcik STTI Vienna

Antecedents of IL

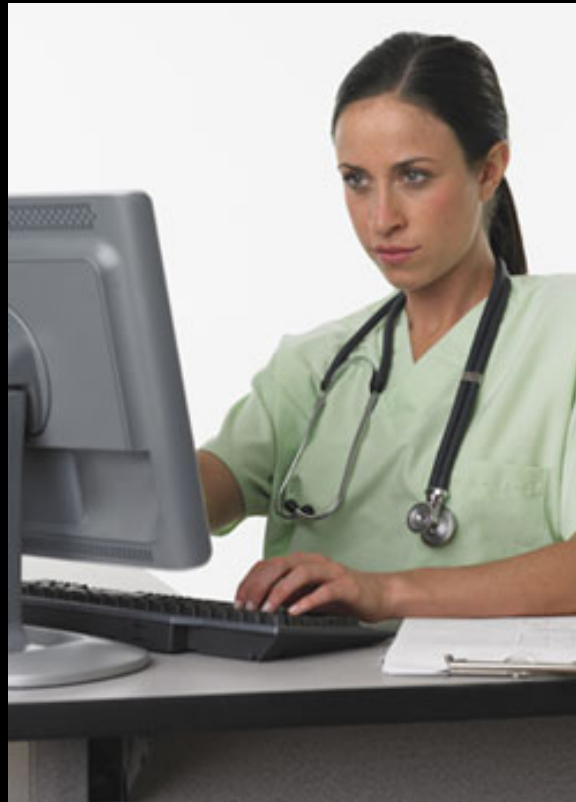- 7 identified from literature

Consequences of IL

- 8 identified from literature

Model case

www. himfomatix.com/images/nurse-computer1. jpg (2007)

Contrary case

Microsoft (2005)

Related case

Microsoft (2005)

Empirical referents

- <u>iskills</u>™ assessment (The former ICT Literacy Assessment)
- <u>Research Readiness Self Assessment</u> (RRSA)
- ACRL standards

Conclusion

"If nurses are to have the knowledge, skills, and attitudes necessary to value research-based practice and lifelong learning, schools of nursing must integrate IL content and practice into their curricula" Verhey (1999)

IL Online Resources

November Learning (see IL materials) http://www.novemberlearning.com

Association of College & Research Libraries

http://www.ala.org/ala/acrl/acrlissues/acrlinfolit/inf
ormationliteracy.htm

National Forum on Information Literacy http://www.infolit.org/

Selective bibliography on IL (see nursing section) http://lib.nmsu.edu/instruction/disciplinaryIL.htm

References

Committee on the Work Environment for Nurses and Patient Safety, Board on Health Care Services, & Institute of Medicine. (2004). *Keeping patients safe: Transforming the work environment of nurses*. Washington, D.C.: The National Academies Press.

iskills™ assessment http://www.ets.org/

Ivanitskaya, L., O'Boyle, I., & Casey, A. M. (2006). Health information literacy and competencies of information age students: results from the interactive online Research Readiness Self-Assessment (RRSA), *J Med Internet Res* (Vol. 8, pp. e6).

Nunberg, G. (2005, February 13). Teaching students to swim in the online sea*. The New York Times*.

Saranto, K., & Hovenga, E. J. (2004). Information literacy-what it is about? Literature review of the concept and the context. *International Journal of Medical Informatics, 73*(6), 503-513.

Verhey, M. P. (1999). Information literacy in an undergraduate nursing curriculum: development, implementation, and evaluation. *J Nurs Educ, 38*(6), 252-259.

Walker, L. O., & Avant, K. C. (2005). *Strategies for theory construction in nursing* (4th ed.). Upper Saddle River, NJ: Pearson Prentice Hall.

Contact

Kim Belcik, RN, BSN

Doctoral Student

University of Texas at Austin

Austin, Texas USA

kbelcik@gmail.com