



Original Article

Development of a Problem-based Learning Package for RN-BSN Students

– Based on the Cases of Women during Pregnancy, Childbirth and Postpartum –

Song, Young A¹⁾ · Shin, Hye Sook²⁾

1) Part Time Lecturer, College of Nursing Science, Kyung Hee University

2) Associate Professor, College of Nursing Science, Kyung Hee University

RN-BSN

(Problem-Based Learning)

송 영 아¹⁾ · 신 혜 숙²⁾

1)

2)

Abstract

Purpose: The purpose of this study is to present a procedure for developing a PBL package and to provide the example of its application. **Method:** In this study, the PBL package was proposed based on the integrated curricular under maternity nursing. The PBL package model proposed by Little was applied to this study. **Result:** The procedure for developing the PBL package includes course objectives, learning objectives, concept mapping, situation scenario, tutor guide, and evaluation method. Clinical scenarios used in 3 PBL packages were composed of a pregnant women, a childbirth women, and a postpartum women. The Eight detailed steps are given in this study. **Conclusion:** Through these findings, the steps might be easier and more useful for nurse professionals to begin using the PBL package in maternity nursing. In addition, the steps will actively contribute to imply the

PBL in nursing education.

Key words : Problem Based Learning

가

: 2005 1 8 1 : 2005 3 11 2 : 2005 5 30 : 2005 6 10

• Address reprint requests to : Song, Young A(Corresponding Author)

College of Nursing Science, Kyung-Hee University

1, Hoegi-dong, Dongdaemun-gu, Seoul 130-701, Korea

Tel: +82-2-961-9143 C.P.: 019-9140-6628 E-mail: sya6628@hanmail.net

RN-BSN

PROBLARC

(Problem Based Learning Assessment and Research Center, 2000) PBL

가

가

PBL

1950 Southern Illinois University

Barrows (Kang,

2000), PBL McMaster

Newcastle Little(2000)

1993

Kim(1997)

PBL

RN-BSN

가

1. 연구의 목적

, Jo(2000)

Little(2000) PBL

가

PBL

(PBL)

(Hwang & Jang, 2000; Kim et al., 2001; Kim, Yang, Lee, Kang, & Lee, 1988; Lee, 2001; Lee & Park, 2001),

2. 용어정의

PBL

1) (Problem Based Learning; PBL)

(Choi & Noh, 2002;

PBL (tutor)가

Kang, Park, & Lee, 2001; Kim, Kang, Kim, Nam, & Park, 2000; Lee, Choi, Kim, & Back, 1998)

가 가 가

PBL

PBL (Murrell, Easton, & Tomsett, 1997; Washington, Tysinger, Snell, & Palmer, 1998).

Mathews, 1989)

(Walton &

(Lee & Park, 2001).

(Barrows, 1986).

PBL

가 (Kim, Jung, & Jung, 1999).

PBL 6 10

(tutor)가 PBL

가

2) (RN-BSN)
(RN-BSN)
(3 2 51) ,

2) (process objectives) :

Learning Objectives : Package

(1) Product Objectives

- , ,
-
- , ,
- , ,
- , ,
-
-
-

(2) Process Objectives

-
-
-
-

가

2. 문제 계획단계

1)

Korean Nurses

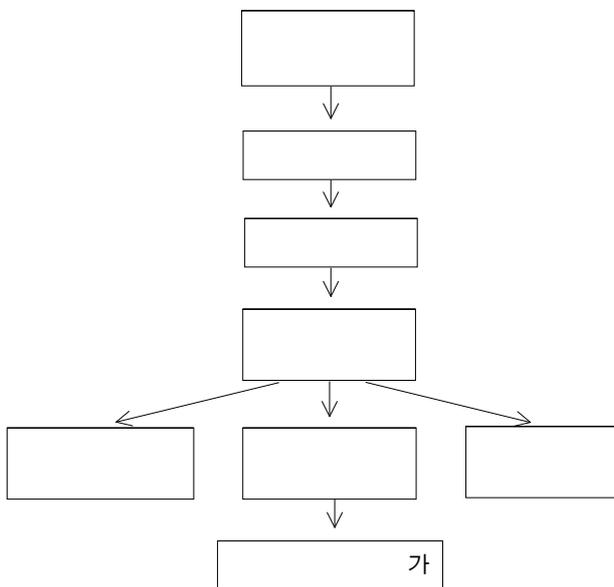
Association(2000)

, RN-BSN

<Table 1>.

Little(2000) PBL
PBL
PBL

<Figure 1>.



<Figure 1> The development procedure of package

1. 전반적인 학습목표(course objectives) 설정단계

1) (product objectives) :

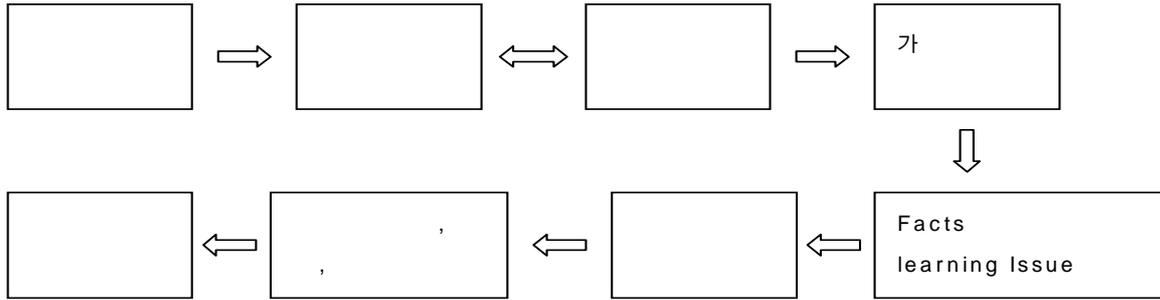
<Table 1> 학습내용

1)	1)	1)
2)	2)	2) 가
3)	3) 가	3) 가
4)	4) 가	4)
5)	5)	5)
6)	6)	6)
7)	7)	
8)	8)	

2) 35 4.5kg
 (1) 1 2
 • : 33 가
 • : , , , . 33 가
 33 ♡♡ 10 가 3cm
 , 10 가 “ 가 ?
 ♡♡ “ 가 , 가가
 ?
 .” 2F, 75%, .”
 -3 . (2) 2
 가 . 1 • : (VBAC)
 가 , 가 • :
 가 가 ring , 32 ♡♡ 가
 90 / “ 가 ... ♡♡ 2
 ♡♡ “ 가 ... ♡♡ 가
 ?” . 39 NST
 (2) 2 , 9
 • : 40 28 3.0kg
 • : , , . 38℃
 28 □□ 40 . 9 50
 . 10 “
 3cm, 75%, ↑(high) ,
 U W .”
 가 ,
 가
 □□
 가 .
 . 11 30 가
 □□ “ ?” (가 /), 가
 . (Fact),
 (Learning Issue)
 3)
 (1) 1 1) 1
 • : 35 PBL
 • : , , . 가?

4. 문제해결접근방법의 제시단계

<Figure 2>. part



<Figure 2> Problem solving process of PBL

- 가? (2004).
-) 7 (2005).
- , (2004).
- 8 (2003).
- (2002).
- Janet Scoggin & Geri Morgan (1998). Practice Guidelines for Obstetrics and Gynecology. Lippincott
- 가? Lowdermilk, D. L. & Perry, S. E. (2000). Maternity Women's Health Care. Mosby
- 가? Deitra Leonar, D., Lowdermilk, D. L. & Perry, S. E. (2002). Maternity nursing(6th ed.). Mosby
- 가? Klossner, N. J. (2005). Introductory maternity nursing. Lippincott Williams &Wilkins
- 가? 2)
- 가? : , , , / ,
- 가? : , / , , ,
- 가? (learning issue)?
- 가? 3) DB
- 가? MEDLINE(, National Library of Medicine) date base
- 가? CINAHL(Cumulative Index of Nursing & Allied Health Literature) data base
- 가? EBMR(Evidence-Based Medicine Reviews) Review article
- 가? (learning issue)? data base

5. 보조자료와 참고문헌 제시단계

- 1) , , (1999).

6. 교수운영 지침서 작성단계

- 1) Tutor guide
 - 가 ,

Learning issue

(2) 가, 가(,)
 ◎ (가)

() (1~5)

◎ 가
 * 가

(5) (4) (3) (2) (1)

* 가

work book

(3) (Reflective Journal)

가
 ① Product Objectives(가)
 • ?
 • ?
 • 가?

② Process Objectives(가)
 • ?
 • ?
 • 가? ? ? ?

(4) , , 가 :

(5) 가 :

(6) 가 : , 가

PBL ,
 ,
 PBL Little(2000)
 8 , ,
 , Kim (2001)
 . Kim, Jung Jung(1999) 11
 , Cho, Lee, Beak Lim
 (2003) , Lee
 Park(2001) PBL 13
 PBL 2000
 , ,
 PBL Hwang
 Jang(2000) PBL
 PBL
 가 가
 Newcastle
 Little(2000) PBL 8
 PBL
 , ,
 , ,
 , Hwang(2003)
 ‘ ’ 가
 , ,
 , 가
 (Lee & Park, 2001).
 PBL 가 가

가, 가, 가, , 가 ,
 . Kim
 Lee(1997) 가 (Kang, Lee, Kim, & Lee, 1999; Kim & Ha, 1999;
 Hong & Kim, 2004; Park, 2001).
 가 . Kim
 (2001) 가 , 가 ,
 tutorial session , brain storming
 , ,
 가 . Lee(2001) 가
 가 가 가, PBL
 가 가
 PBL , ,
 , Kim, Kang, Kim, Nam Park(2000) ‘ , ’
 4 2 RN-BSN
 3 6 , Kang, Park 3, 4
 Lee(2001) ‘ , ’ 3 가 .
 . Kim (2001) ‘ , ’ ,
 , 4
 , , Hwang(2003) ‘ , ’
 , 3 7
 , , PBL
 3~4 가 RN-BSN PBL
 , , ,
 PBL PBL
 PBL PBL 2003 8 2004 8
 가 Chang (2001) Percal Goodenough , 2 6
 (1998) 가
 Lee(2001) , 가 PBL 8 , Little(2000)
 , , 가 RN-BSN 2004 ,
 , 가 PBL , ,
 , , 가 , ,
 , , 가 , ,
 Park Park(2000) . Park, 가 .
 가 . Hyun Kim
 (2003) • , , ,
 , 가
 •

가

가

가

References

- Barrows, H. S. (1986). A taxonomy of problem-based learning method. *Medical Education*, 20(6), 481-486.
- Chang, B. H., Lee, Y. C., Kim, B. W., Kang, D. S., Kwak, Y. S., Kang, E. C., Seo, K. S., Kim, I. K., Lee, J. M., Jeong, S. H., Kim, J. Y., Kim, I. S., & Kim, H. J. (2001). The implementation of problem-based learning in kyungpook national university school of medicine and its evaluation. *J Korean Medical Education*, 13(1), 91-105.
- Cho, Y. S., Lee, H. J., Beak, E. J., & Lim, H. H. (2003). A study on the procedure of problem design for problem-based learning. *The J Curriculum Studies*, 21(3), 214-242.
- Choi, H. J., & Noh, H. J. (2002). Effects of problem-based learning for problem solving process of nursing students. *J Korean Nurs Education*, 8(2), 325-334.
- Hong, K. C., & Kim, S. C. (2004). The Effects of Self-Directed Learning Abilities and Learning Motivations in Problem-Based Learning on the Web. Daegu National University of Education Collected Papers, 39, 2004 537-571
- Hwang, S. Y., & Jang, K. S. (2000). The development and implementation of PBL Module on a case with lung cancer. *J Korean Nurs Education*, 6(2), 390-405.
- Hwang, S. Y. (2003). *Effect of problem-based learning on the Knowledge achievement, critical thinking ability, attitude and motivation toward learning of nursing students*. Unpublished mater's thesis, Chonnam National University, Korea.
- Hyun, M. S., & Kim, S. A. (2003). Learning Experiences of Graduate Nursing Students through Problem-based Learning Curriculum. *J Korean Acad Psych Mental Health Nurs*, 12(3), 260-267.
- Jo, K. H. (2000). A recognized type of nursing student about problem based learning-Q methodology application. *J Korean Nurs Education*, 6(2), 359-375
- Kang, I. A. (1997). 『Why, constructivism? - an age of information and education environment on focused learner -』. Seoul : Moon Yeom Sa.
- Kang, I. A. (2000). Problem-Based Learning; teaching on focused learner-learning method. College of Nursing Science, Kyung Hee University, PBL Workshop.
- Kang, I. A., Lee, M. S., Kim, J. W., & Lee, I. S. (1999). The development problem-based learning on web: Three cases. *Educational Technology*, 15(1), 301-330.
- Kang, K. S., Park, M. Y., & Lee, W. S. (2001). An example of development and implementation of PBL module in fundamentals of nursing. *J Korea Acad Fundamental Nurs*, 8(2), 244-258.
- Kim, A. L., Kim, Y. K., Song, Y. S., Shin, K. R., Ahn, H. J., Lee, J. S., & Jo, K. H. (2001). A study for the devalopment of a problem-based learning package for patients with perception adjustment disorder. *J Korean Acad Adult Nurs*, 13(3), 385-396.
- Kim, D. H., Jung, J. S., & Jung, D. S. (1999). PBL package development. *J Korean Medical Education*, 11(1), 17-23.
- Kim, H. S. (1997). Problem Based Learning : New learning method in nursing education. *J Korean Nurs Education*, 6(2), 26-33.
- Kim, S., & Lee, M. S. (1997). A study on the improvement of evaluation method in problem-based learning. *The Korean Society of Medical Education*, 9(1), 73-85.
- Kim, S. A., Kang, I. E., Kim, S. Y. J., Nam, K. A., & Park, J. H. (2000). Nursing curriculum development on implementation of problem-based learning. *J Korean Psychiatric Nursing*, 9(4), 559-570.
- Kim, S., Yang, E. B., Lee, S. K., Kang, H. C., & Lee, M. S. (1988). The development and the application of problem-based learning curriculum. *J Korean Medical Education*, 10(2), 309-321.
- Korean Nurses Association (2000). *Learning object in nursing science*. A corporate juridical person, Korean Nurses Association.
- Lee, K. H. (2001). PBL in fundamentals of nursing(1) by nursing students' perception and attitude on PBL. *J Research*, 28(1), 205-221.
- Lee, W. S., & Park, M. Y. (2001). The process of PBL package development, *J Korean Education*, 7(1), 126-142.
- Little, P. (2000). *PBL in Nursing Workshop Booklet*. 21st-25th Feb. Newcastle: The University of Newcastle.
- Murrell, K., Easton, S., Tomsett, G. (1997). Life-long education: problem-based learning. *Part Nursing Standard*, 12(7), 45-47.
- Park, E. H., Park, J., & Park, Y. N. (2000). The experience of problem-based learning in keimyung university college of Medicine. *J Korean Medical Education*, 12(3), 261-270.
- Park, I. O. (2001)A Study on the Effects of Problem-Based Learning on Economic Problem Solving Skill. *J Social Studies Education*, 40, 162-189.
- Percal, C., & Goodenough, D. A. (1998). Problem based teaching and learning as a bridge from basic anatomy to clinical clerkships. *Surgical Radiology Anatomy*, 20(3), 203-207.
- PRPBLAC (2000). *PBL in nursing. PBL Workshop Booklet*, Feb., Newcastle: The University of Newcastle.
- Walton, H. J., & Mathews, M. B. (1989). Essentials of problem based learning. *Medical Education*, 23(6), 542-556.
- Washington, E. T., Tysinger, J. W., Snell, L. M., & Palmer, L. R. (1998). Implementing problem-based learning in a family medicine clerkship. *Family Medicine*, 30(10), 720-726.