

THE EFFECTS OF PROBLEM BASED LEARNING METHOD TO THE COGNITIVE SKILLS OF BACHELOR DEGREE (S1) STUDENTS IN NURSING, AT STIKES BANYUWANGI

Ukhtul Izzah¹, Wiwik Kusumawati²

Abstract

Background: One of the ways taken by the Indonesian government to improve the quality of education in Indonesia is by revising the applied curriculum from Teacher Centered Learning to Students Centered Learning. Tutorial methods is one of the examples of applied method in this case. This tutorial method's success is influenced by the stages of structures in tutorial seven jump which also influences the behavior of students specifically their cognitive, affective and psychomotor behavior.

Objectives: The research was aimed at analyzing the effects of Problem Based Learning (PBL) tutorial seven jump method to the students' cognitive and affective skills.

Research Method: The research is a qualitative research which applies quasi experiment approach. Pre and post-test without control by Problem Based Learning treatment was performed. The sample on this research was MCQ questions (cognitive) and observation (affective). Then, the data was analyzed by using paired sample *t test*.

Results: The research showed that after 3(three) times performing PBL intervention to the students, their cognitive skill was shown as follow: $p\text{ value} = 0.001$ ($p\text{-value} < 0.05$). Meanwhile, affective score was shown in $p\text{-value} = 0.000$ ($p\text{-value} < 0.05$). The highest cognitive score was resulted at the first tutorial whereas the highest affective score was at the third tutorial.

Conclusion: After 3 (three) times treatment, BPL seven up jump affected the cognitive and affective skills of the bachelor degree students majoring in nursing at STIKES BANYUWANGI.

Keywords: problem based learning, tutorial seven jump, cognitive, affective

¹Nursing student of University Muhammadiyah of Yogyakarta

²Lecturer of Nursing Program at University of Muhammadiyah Yogyakarta

ABSTRAK

PENGARUH METODE *PROBLEM BASED LEARNING* TERHADAP KEMAMPUAN KOGNITIF DAN GAMBARAN AFEKTIF MAHASISWA PRODI SI KEPERAWATAN STIKES BANYUWANGI

Ukhtul Izzah¹, Wiwik Kusumawati²

ABSTRAK

Latar Belakang : Salah satu upaya pemerintah dalam meningkatkan kualitas pendidikan di Indonesia adalah mengadakan perbaikan kurikulum dari *Teacher Centered Learning* ke *Student Centered Learning*, salah satunya adalah dengan menggunakan metode tutorial. Keberhasilan dari diskusi tutorial sangat dipengaruhi oleh tahapan struktur yang terdapat dalam *tutorial seven jump*. Proses ini akan mempengaruhi perilaku peserta didik itu sendiri baik pengetahuan (kognitif), afektif (sikap) dan psikomotor.

Tujuan Penelitian : Tujuan penelitian ini untuk menganalisa pengaruh metode pembelajaran *PBL tutorial seven jump* terhadap kemampuan kognitif dan afektif mahasiswa.

Metode Penelitian : jenis penelitian ini merupakan jenis penelitian kuantitatif. Metode penelitian ini telah menggunakan metode *Quasi Eksperiment* dengan pendekatan *pre and post test withaout control* dengan treatment *Problem Based Learning*. Sampel dalam penelitian ini menggunakan soal MCQ (kognitif) dan observasi (afektif). Kemudian di analisa menggunakan uji *paired samples t test*.

Hasil Penelitian :

Hasil penelitian setelah dilakukan 3x intervensi *Problem Based Learning* menunjukkan nilai kemampuan kognitif $\rho\text{-value} = 0.001$ ($\rho\text{-value} < 0.05$), sedangkan untuk nilai afektif $\rho\text{-value} = 0.000$ ($\rho\text{-value} < 0.05$). Penilaian kemampuan kognitif yang tertinggi adalah pada tutorial pertama, sedangkan untuk nilai afektif yang tertinggi adalah tutorial ketiga.

Kesimpulan : Ada pengaruh kemampuan kognitif dan afektif mahasiswa prodi SI Keperawatan STIKes Banyuwangi setelah dilakukan 3x metode *PBL tutorial seven jump*.

Kata Kunci : *Problem Based Learning, tutorial seven jump, kognitif, afektif*

1 Mahasiswa Keperawatan Universitas Muhammadiyah Yogyakarta

2 Dosen Keperawatan Universitas Muhammadiyah Yogyakarta

3 Keperawatan Universitas Muhammadiyah Yogyakarta