

**PENGARUH *PRACTICE BASED SIMULATION MODEL* TERHADAP
CRITICAL THINKING DAN *SELF CONFIDENCE* DI *NURSING SKILL*
LABORATORY FIK UNISSULA SEMARANG**

Retno Issroviatiningrum¹, Shanti Wardaningsih², Novita Kurnia Sari²

ABSTRAK

Latar Belakang: Upaya untuk meningkatkan mutu pendidikan keperawatan khususnya untuk mendukung peserta didik menjadi perawat profesional memerlukan proses pembelajaran dengan menggunakan fasilitas keterampilan klinis. *Practice Based Simulation Model* didasarkan pada teori belajar konstruktif yang menegaskan bahwa pengetahuan tidak pasif ditransfer dari pendidik kepada peserta didik, tetapi dibangun oleh peserta didik melalui pengolahan pengalaman dan interaksi dengan lingkungan mereka. Dengan metode simulasi di laboratorium dapat mendorong mahasiswa untuk menggunakan *critical thinking* dalam mengambil keputusan dalam mengatasi masalah tanpa merugikan pasien yang sebenarnya. **Tujuan Penelitian:** Penelitian ini bertujuan untuk menganalisis pengaruh *practice based simulation model* terhadap *critical thinking* dan *self confidence* pada mahasiswa semester VI di FIK Unissula Semarang. **Metode penelitian:** Menggunakan metode *Quasy – Experiment* dengan pendekatan pretest-posttest with kontrol group design. Pengambilan sampel dengan teknik *simple random sampling* dengan jumlah 21 responden baik kelompok intervensi maupun kelompok kontrol. Analisis data menggunakan uji *Paired T-Test* dan *Independent Samples T-Test*. **Hasil:** Hasil penelitian selisih peningkatan *critical thinking* pada kelompok intervensi sebanyak 11.95 poin dan pada kelompok kontrol 2.05 sedangkan untuk selisih peningkatan *self confidence* pada kelompok intervensi sebanyak 9.33 poin dan kelompok kontrol sebanyak 1.67 poin. *Practice Based Simulation Model* berpengaruh terhadap *critical thinking* dan *self confidence* mahasiswa dengan $p=0.00<0.05$. **Kesimpulan:** Disimpulkan bahwa *practice based simulation model* mempengaruhi *critical thinking* dan *self confidence* pada mahasiswa semester VI FIK Unissula Semarang

Kata kunci: *Practice based simulation model, critical thinking, self confidence*

¹Mahasiswa Magister Keperawatan Universitas Muhammadiyah Yogyakarta

²Dosen Magister Keperawatan Universitas Muhammadiyah Yogyakarta

**THE INFLUENCE OF PRACTICE BASED SIMULATION MODEL TO
CRITICAL THINKING AND SELF CONFIDENCE IN NURSING SKILL
LABORATORY FIK UNISSULA SEMARANG**

Retno Issroviatiningrum¹, Shanti Wardaningsil², Novita Kurnia Sari²

ABSTRACT

Background: Efforts to improve the quality of nursing education in particular to support learners to become professional nurses require a learning process using clinical skills facilities. Practice Based Simulation Model is based on constructive learning theory which asserts that non-passive knowledge is transferred from the educator to learners, but constructed by learners through the processing of experience and interaction with their environment. With simulation methods in the laboratory can encourage students to use critical thinking in making decisions in overcoming problems without harming the actual patient. **Objective:** This study aims to analyze the influence of practice based simulation model on critical thinking and self confidence in semester VI students in FIK Unissula Semarang. **Methods:** Using Quasy - Experiment method with pretest - posttest approach with control group design. Sampling with simple random sampling technique with 21 respondents both intervention group and control group. Data analysis using Paired T-Test and Independent Samples T-Test. **Results:** The result of the research showed that the difference of critical thinking in the intervention group was 11.95 points and in the control group 2.05 while the difference of self confidence increase in the intervention group was 9.33 points and the control group was 1.67 points. Practice Based Simulation Model affects critical thinking and self confidence of students with $p = 0.00 < 0.05$. **Conclusion:** It was concluded that the practice based simulation model influenced critical thinking and self confidence in the sixth semester students of FIK Unissula Semarang

Keywords: Practice based simulation model, critical thinking, self confidence

¹ *Students Master of Nursing at the University of Muhammadiyah Yogyakarta*

² *Lecturer Master of Nursing at the University of Muhammadiyah Yogyakarta*