

CLINICAL WORST-CASE SCENARIO SIMULATION (CWSS) SEBAGAI UPAYA PENINGKATAN KETERAMPILAN CLINICAL JUDGMENT MAHASISWA SARJANA KEPERAWATAN

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Article Info	ABSTRAK
<p>Article History: Received 16/02/2026. Revised - Accepted 10/03/2026.</p> <hr/> <p>Keywords: <i>Clinical Worst-Case Scenario Simulation (CWSS)</i> <i>Clinical Judgment; Nursing Students</i> <i>Innovative Learning Strategy</i> <i>Simulation-Based Learning</i> <i>Nursing Education</i></p>	<p>Tantangan lulusan baru tenaga keperawatan yaitu masih minimnya pengalaman klinis. Masalah ini perlu diantisipasi mulai dari jenjang akademik. Strategi pembelajaran baru dan inovatif berbasis kasus telah dikembangkan yaitu dengan pendekatan Clinical Worst-Case Scenario Simulation (CWSS). Dalam situasinya, mahasiswa seolah merawat pasien sungguhan sambil memikirkan kemungkinan terburuk kemudian merefleksikan perawatan yang diberikan. Tujuan penelitian ini untuk menganalisis pengaruh CWSS terhadap peningkatan keterampilan Clinical Judgment Mahasiswa Sarjana Keperawatan. Desain penelitian Quasi Experiment dengan pendekatan Pretest-Posttest Control Group Design. Populasi dalam penelitian ini adalah seluruh Mahasiswa Sarjana Keperawatan Institut Kesehatan Rajawali semester VI yang mengampu mata kuliah Keperawatan Medikal Bedah (KMB) berjumlah 218 responden, besar sampel menggunakan total sampling dengan teknik pengambilan simple random sampling. Penelitian dilaksanakan pada Bulan April-Agustus 2025. Struktur implementasi model ini diadopsi dari Ignatavicius, DD & Silvestri, L (2023). Instrumen yang digunakan clinical judgment skills diadopsi dari Wachira et al (2017), sudah tersedia dalam versi Bahasa Indonesia, dengan nilai koefisien Aiken's V (I-CVI) berkisar 0-1, nilai r tabel > 0.3610 (valid) dan Alpha Cronbach (> 0.6). Hasil penelitian diperoleh terdapat variasi signifikan skor clinical judgment skills dengan pendekatan CWSS, $F(1,23) = 0.09$, $p = .017$. Kesimpulan penelitian strategi pembelajaran dengan pendekatan skenario klinis terburuk atau clinical worst-case scenario simulation (CWSS) terbukti meningkatkan keterampilan clinical judgment Mahasiswa Sarjana Keperawatan. Implikasi penelitian pendekatan CWSS dapat dijadikan opsi metode pembelajaran akademik yang inovatif khususnya pada mata kuliah KMB.</p> <p>ABSTRACT</p> <p><i>The challenge faced by new nursing graduates is the lack of clinical experience. A new and innovative case-based learning strategy has been developed, namely the Clinical Worst-Case Scenario Simulation (CWSS) approach. In this situation, students are treated as if they were treating a real patient while considering the worst-case scenario and then reflecting on the care provided. The aim of this study was to analyze the effect of CWSS in improving the Clinical Judgment skills among Undergraduate Nursing Students. The study was Quasi Experiment with Control Group Design. The population were all students at 6th semester who undergo medical-surgical nursing subject at Institut Kesehatan Rajawali with total 218 respondents. The sample size used total sampling with a simple random sampling technique. The</i></p>

study was conducted on April-Agustus 2025. The implementation structure of CWSS was adopted from Ignatavicius, DD & Silvestri, L (2023). The instrument used was adopted from Wachira et al (2017), which was already available in the Indonesian version, with Aiken's V coefficient (I-CVI) values ranging from 0-1, r table value > 0.3610 and Cronbach's Alpha (> 0.6). The study showed a significant variation in clinical judgment skills scores with the CWSS approach, $F(1,23) = 0.09$, $p = .017$. The conclusion of the study was that the learning strategy with the CWSS approach has been proven to improve the clinical judgment skills of Nursing Undergraduate Students. The implications of the CWSS approach research can be used as an option for innovative academic learning methods.

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