

ABSTRAK

Judul : Pengaruh Perilaku Mahasiswa Terhadap Proses ARDA Dengan Hasil Ujian CBT S1 Kedokteran FK UNPRI Tahun 2025

Penyusun : Putri Yasmin Salsabilla Purba

NIM : 223307010098

Fakultas/Program Studi : Fakultas Kedokteran, Kedokteran Gigi Dan Ilmu Kesehatan/
Program Studi Sarjana Kedokteran

Dosen Pembimbing : dr. Marshall Jeremia Nadapdap, M.K.M

Active Recall Daily Assessment (ARDA) merupakan metode evaluasi formatif yang melatih mahasiswa mengingat kembali materi pembelajaran setiap hari sebagai bentuk penguatan memori jangka panjang. Dalam konteks pendidikan kedokteran berbasis kompetensi, ARDA diharapkan dapat meningkatkan hasil evaluasi sumatif berbasis komputer (*Computer-Based Test/CBT*). Namun, efektivitas ARDA terhadap hasil CBT masih perlu dibuktikan secara empiris. Untuk menganalisis pengaruh perilaku belajar mahasiswa terhadap proses ARDA dan hasil ujian CBT pada mahasiswa program studi Sarjana Kedokteran FK UNPRI tahun 2025. Penelitian ini menggunakan desain *cross-sectional* dengan jumlah sampel 181 mahasiswa aktif semester 2, 4, dan 6 yang dipilih secara *proportional stratified random sampling*. Data dikumpulkan melalui kuesioner perilaku belajar dan dokumentasi nilai ARDA serta CBT. Analisis dilakukan menggunakan uji deskriptif, uji normalitas, korelasi *Pearson*, *Chi-Square*, dan regresi linier sederhana serta berganda dengan signifikansi $p < 0,05$. Terdapat hubungan positif dan signifikan antara nilai ARDA dengan nilai CBT ($r = 0,435$; $p = 0,000$). Nilai kognitif ARDA berpengaruh signifikan terhadap nilai CBT ($p = 0,031$), namun tidak signifikan terhadap nilai ARDA ($p = 0,110$). Analisis regresi berganda menunjukkan bahwa nilai CBT berpengaruh signifikan terhadap nilai ARDA ($p = 0,000$), sedangkan kognitif CBT tidak signifikan ($p = 0,644$). Secara simultan kedua variabel menjelaskan 19% variasi nilai ARDA ($R^2 = 0,190$). ARDA terbukti memiliki hubungan signifikan dengan hasil CBT mahasiswa kedokteran, sehingga dapat digunakan sebagai instrumen formatif yang efektif untuk meningkatkan kesiapan akademik mahasiswa.

Kata Kunci : *Active Recall Daily Assessment*, *Computer-Based Test*, perilaku belajar, mahasiswa kedokteran, FK UNPRI

ABSTRACT

Title : *The Effect of Student Behavior on the ARDA Process and CBT Examination Results of Undergraduate Medical Students at the Faculty of Medicine, Universitas Prima Indonesia in 2025*

Author : *Putri Yasmin Salsabilla Purba*

Student ID : *223307010098*

Faculty/Study Program : *Faculty of Medicine, Dentistry, and Health Sciences / Undergraduate Program in Medicine*

Supervisor : *dr. Marshall Jeremia Nadapdap, M.K.M*

Active Recall Daily Assessment (ARDA) is a formative evaluation method that trains students to recall learning materials daily as a way to strengthen long-term memory retention. In the context of competency-based medical education, ARDA is expected to improve summative evaluation outcomes through Computer-Based Tests (CBT). However, the effectiveness of ARDA on CBT results still needs to be proven empirically. This study aims to analyze the effect of students' learning behavior on the ARDA process and CBT examination results among undergraduate medical students at the Faculty of Medicine, Universitas Prima Indonesia, in 2025. The study employed a cross-sectional design with a total sample of 181 active students from semesters II, IV, and VI, selected through proportional stratified random sampling. Data were collected using learning behavior questionnaires and documentation of ARDA and CBT scores. Data analysis was conducted using descriptive tests, normality tests, Pearson correlation, Chi-Square, and simple and multiple linear regression tests with a significance level of $p < 0.05$. The results showed a positive and significant relationship between ARDA scores and CBT scores ($r = 0.435$; $p = 0.000$). Cognitive ARDA scores had a significant effect on CBT scores ($p = 0.031$) but not on ARDA scores ($p = 0.110$). Multiple regression analysis revealed that CBT scores significantly affected ARDA scores ($p = 0.000$), while cognitive CBT scores were not significant ($p = 0.644$). Simultaneously, both variables explained 19% of the variation in ARDA scores ($R^2 = 0.190$). ARDA was proven to have a significant relationship with medical students' CBT results and can therefore be utilized as an effective formative assessment instrument to enhance students' academic readiness.

Keywords: *Active Recall Daily Assessment, Computer-Based Test, learning behavior, medical students, Universitas Prima Indonesia*