

**COMPARISON OF PSYCHOMETRIC CHARACTERISTICS AND FACTOR  
STRUCTURE OF THE SCALE FOR MEASURING GENERAL ATTITUDES AND  
PHARMACISTS' BELIEFS ABOUT THEIR OWN WORK WITH PATIENTS**

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The initial general pharmacists' attitudes and beliefs scale about their own work with patients was constructed by D. Jocić, D. Krajnović in 2012. It includes cognitive, affective and behavioral claims. The scale was applied multiple times, followed by validation. The aim was to check the movement of the measuring characteristics of the scale. The study combined 2 studies. In Study 1, a sample of 123 licensed pharmacists validated the initial instrument and proposed a new developed version (1). In Study 2, on a sample of 514, the validity of the scale and high reliability parameters were confirmed (2). In Study 1, reliability was determined by the internal consistency method (Cronbach's alpha: 0.670). Factor analysis of principal components was performed and seven factors with latent roots greater than 1 were obtained (explain 64.92% of total variance and 30.84%, 8.20%, 6.55%, 5.63%, 5.01%, 4.68% and 4.01%, respectively (1). Some claims in the scale are excluded, the final version of the scale contains of 23 claims (1). In study 2, greater reliability was obtained. The reliability and internal consistency of the subscales were assessed (Cronbach alpha: Cognitive Attitudes 0.774, Affective Attitudes 0.849, Behavioral Attitudes 0.867). The correlations between the scales were extremely high (2). The developed scale also met the statistical criteria of reliability during the first application, and based on these results, the effectiveness could be assumed. Research on a larger sample showed even better psychometric characteristics. Further research on a larger and more heterogeneous sample may show exceptional psychometric characteristics.

**References**

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## **POREĐENJE PSIHOMETRIJSKIH KARAKTERISTIKA I FAKTORSKE STRUKTURE SKALE ZA MERENJE OPŠTIH STAVOVA I UVERENJA FARMACEUTA O SOPSTVENOM RADU SA PACIJENTIMA**

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Inicijalna skala za merenje opštih stavova i uverenja farmaceuta o sopstvenom radu sa pacijentima konstruisana je od strane autora D. Jocić, D. Krajnović 2012. godine. Obuhvata tvrdnje iz kognitivne, afektivne i bihevioralne oblasti. Skala je višestruko primenjivana, pri čemu je svaka primena bila praćena validacijom. Cilj ovog rada bila je provera kretanja osnovnih mernih karakteristika skale. Istraživanje je objedinilo 2 studije. U studiji 1, na uzorku od 123 licenciranih farmaceuta urađena je validacija inicijalnog instrumenta i predložena je nova razvijena verzija skale (1). U studiji 2, na uzorku od 514 licenciranih farmaceuta, potvrđena je validnost skale i visoki parametri pouzdanosti (2). U studiji 1 pouzdanost je određena metodom unutrašnje konzistencije (Cronbachov alpha: 0.670). Izvršena je faktorska analiza glavnih komponenti i dobijeno je sedam faktora sa latentnim korenima većim od 1, koji objašnjavaju 64.92% ukupne varijance, a pojedinačno 30.84%, 8.20%, 6.55%, 5.63%, 5.01%, 4.68% i 4.01% (1). Na osnovu rezultata faktorske analize neke tvrdnje u skali su izuzete, tako da finalna verzija skale sadrži ukupno 23 tvrdnje (1). U studiji 2 dobijena je veća pouzdanost. Izvršena je procena pouzdanosti i interne konzistencije svake od podskala (Cronbach alpha: Kognitivni stavovi 0.774, Afektivni stavovi 0.849, Bihevioralni stavovi 0.867). Korelacije između skala bile su izuzetno visoke (2). Razvijena skala je i prilikom prve primene zadovoljila statističke kriterijume pouzdanosti i na osnovu ovih rezultata mogla se pretpostaviti efektivnost. Istraživanje na većem uzorku pokazalo je još bolje psihometrijske karakteristike. Dalja istraživanja sa ovom skalom na većem i heterogenijem uzorku mogu pokazati izuzetne psihometrijske karakteristike skale.

### **Literatura**

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