

ORIGINAL ARTICLE

**Development of Questionnaire Measuring Attitude
Towards the Pharm. D. Curriculum,
Faculty of Pharmacy, Siam University**

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Abstract

This study aims to develop the questionnaire measuring attitudes of the pharmacy students towards Pharm. D. curriculum in faculty of Pharmacy, Siam University. Relevant literatures were revealed prior to shaping the conceptual framework of attitudes which comprised process and outcomes of the curriculum. This questionnaire was qualified in content validity and internal consistency. Content was validated by expert review and cognitive interview using think-aloud and probing techniques. Cronbach's alpha was also reported as the indicator of internal consistency which was calculated from 291 Pharm. D. students in 2013/2014 academic year. As a result, expert opinions of three reviewers and eleven participants in cognitive interviews reflected four key dimensions of problems in the 51-item questionnaire consisting of comprehension, retrieval, judgment, and response. The majority of problems involved with comprehension dimension as 13 and 14 problems in expert opinions and cognitive interview, respectively. Cronbach's alpha was reported in a range of 0.49 – 0.90. This questionnaire was able to measure attitudes of Pharm. D. students according to the qualitative process described above; however, psychometric properties of this questionnaire should be tested prior to utilization in the future.

Keywords: questionnaire development, attitude towards curriculum, Pharm. D. students, pharmacy students

Received: May 5th, 2016

Accepted: June 15th, 2016