Inventing and Validating Questionnaires Muslim Doctor Questionnaire (MDQ) & Muslim Medical Student Questionnaire (MMSQ)

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Background:

International Islamic University Malaysia has pioneered the model of Islamic Input into Medical Program (IIMP). This is part of the main objective to enhance the affective domain in our curriculum. In order to evaluate the effectiveness of IIMP programme, it is important to an assessment tool. Once Kulliyyah is able to prove the effectiveness of IIMP, it is hope IIMP Kulliyyah of Medicine would be a role model in development of Islamic Medical Curriculum. At the moment there is not a single medical Islamic scale available. This we hope will be the pioneer of all.

Objectives:

1. To invent new questionnaires called MDQ & MMSQ that will be reliable and validated for the Muslim doctors and medical students respectively.
2. To assess the good Muslim values in various academic years.
3. To assess pre- and post- input of Islamic curriculum

Knowledge, Attitude, & Practice aspects on these domains;

1. Religiosity, Aqidah – (knowledge, practice)
2. Knowledge of Relevant Medical Fiqh (knowledge), Ibadah (Rukhsah)
3. Communication Skill – (attitude, practice)
4. Behavior
5. Professionalism
7. Islamic Ethics, Islamic Medical Jurisprudence,
8. Outward Manifestation
9. Sincerity, Akhlak
10. Morality, Confidentiality

MEASUREMENT

The questionnaires were constructed to reflect the following flow:

Results;

A total of 468 participants among students; Reliability; Cronbach’s alpha of 0.91 and 8 domains were identified by using explanatory factor analysis with Varimax rotation. Validity; From items, 75% had good factor loading (>0.4). Therefore these 2 questionnaires are valid and reliable.