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**Diabetes knowledge, attitude, and practice among type 2 diabetes mellitus patients in
Kuala Muda District, Malaysia – A cross-sectional study**

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Abstract

Diabetes is among leading public health concerns in Malaysia due to premature and preventable mortality involving macro and microvascular complications. Diabetes knowledge, attitude, and practice (KAP) are vital in diabetes management. The present study assessed the level of diabetes KAP among type 2 diabetes patients with associated and correlated factors through a self-administered questionnaire-based study on a convenience sample of 386 type 2 diabetes mellitus patients in Kuala Muda District, Kedah, Malaysia. Majority of the respondents possessed levels above the cut-off points for poor levels in knowledge (63.21%), attitude (62.69%), and practices (58.03%). Age, academic qualification, occupation, monthly income, current therapy type, comorbid diseases, and therapy preference were associated with KAP whereas the associations of disease duration, the best source of information about diabetes, and health status satisfaction were witnessed for attitude and practice. Academic qualification had strongest correlation for knowledge ($r = 0.785$), attitude ($r = 0.725$), and practice ($r = 0.709$).

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