

## **A54 A study on the knowledge, attitude, and practice regarding COVID-19 among undergraduates in Perak**

***Wong SC and Tan CX***

*Department of Allied Health Science, Faculty of Science, University Tunku Abdul Rahman*

The knowledge, attitude, and practice (KAP) regarding COVID-19 play a crucial role in determining the readiness of the undergraduate students to adopt the behavioral change toward recommended preventive measures outlined by public health officials. This study aimed to assess the KAP regarding COVID-19 among undergraduates in Perak. This was a cross-sectional study that was conducted among undergraduate students at University Tunku Abdul Rahman (UTAR), Kampar, Perak, during the national recovery phase of COVID-19 pandemic in Malaysia. 299 respondents were recruited in this study using convenience sampling. An online validated self-reporting questionnaire was adopted to collect the data. Frequency, percentage, mean and standard deviation used to describe the data. T-test of independence used to test the significant difference between gender and knowledge, attitude and practice. Chi-square test of association used to test the association between KAP. A  $p$ -value of  $<0.05$  is reported as a significant result. Majority of the undergraduate students had high level of knowledge, positive attitude and adopted frequent preventive measures against COVID-19. There was no significant difference  $p>0.05$  between knowledge and gender; attitude and gender; practice and gender with. The insignificant difference between gender and KAP could be due to similar education levels, risk perception, and health-seeking behaviours. There was a significant association found between knowledge-attitude ( $p=0.014$ ), knowledge-practice ( $p=0.000$ ) and attitude-practice ( $p=0.024$ ). COVID-19 related KAP was at high satisfactory level even though this survey was carried out during earlier phase of the pandemic. The significant association between KAP highlighted the importance of increasing the knowledge, which can improve the attitude and enhance the practice of recommended measures to prevent the transmission of COVID-19. The detailed findings obtained from this KAP survey were helpful to facilitate the school leader to prepare for the reopening