

POSTER PRESENTATION PP9

Knowledge, Attitude and Practice of Tuberculosis Disease Among Healthcare Workers in Hospital Sultanah Bahiyah

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ABSTRACT

Background and Objective: Tuberculosis (TB) remains a significant occupational hazard for healthcare workers (HCWs), particularly in Malaysia, where the disease remains endemic. This study assesses the knowledge, attitude, and practice (KAP) of HCWs regarding TB at Hospital Sultanah Bahiyah and explores the association between their demographic (education level, work experience), and TB-related KAP. **Methods:** Across-sectional study was conducted among 346 HCWs in Hospital Sultanah Bahiyah by using a self-administered questionnaire adopts from WHO. The data questionnaire will be conducted online via survey form using Google Forms, with data analyzed through descriptive statistics and chi-square tests. **Results:** The findings revealed that 53.5% of respondents had good knowledge of TB. Regarding attitude, 76% of respondents exhibited negative attitudes toward TB. In terms of practice, 60.4% demonstrated poor TB-related practices among healthcare workers. Significant relationship was found between education level and knowledge ($p = 0.004$) and between working experience and both knowledge ($p < 0.001$) and practice ($p < 0.001$). Neither education level nor working experience significantly influenced attitude. **Conclusion:** Respondents demonstrated adequate tuberculosis knowledge but predominantly negative attitudes and poor practices, indicating that knowledge alone is insufficient to promote appropriate behavior. Education and working experience significantly improved knowledge and practice, whereas attitudes remained unaffected, highlighting the need for interventions targeting behavioral change alongside educational and practical training.

Keywords: Healthcare workers; KAP; Tuberculosis

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