

## P111. Knowledge, Attitude and Practice towards Intrauterine Contraception Device among Doctors in an Urban City of Malaysia

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**Objective:** to evaluate doctors knowledge, attitude and perception towards the intrauterine contraception device and factors influence their current practice.

**Design:** A prospective, cross-sectional study.

**Settings:** All public and private contraceptive providers who practice in Wilayah Persekutuan Kuala Lumpur, Malaysia.

**Patient(s):** All doctors who replied to a self-filled questionnaire on knowledge, attitude and practice towards intrauterine contraception device.

**Intervention(s):** None

**Result(s):** A total of 240 doctors responded to the survey. Of all respondents, 161 were from public or government sector (65.9%), and 89 were from private sectors (34.1%). The knowledge score of doctors was average, and well correlated to their previous training level, working position, the number of patients seen in a week and number of contraception available in the facilities. The age, gender, working duration, availability of IUCD in the premises and number of IUCD insertion in a month did not statistically influence the providers' knowledge. The practice of IUCD was low, especially among private doctors, significantly related to their knowledge of IUCD. The knowledge score, perception and practice were significantly lower among the private sectors.

**Conclusion(s):** This study demonstrated that there was a significant gap in knowledge and practice among private doctors compared to government doctors. Hence, greater effort needs to be done particularly with the private doctors in order to lower the barriers to the IUCD usage.

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