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FACTOR INFLUENCING ACCEPTANCE OF NORPLANT

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ABSTRACT

A case-control study was conducted at Family Planning Research Center of Siriraj Hospital in Bangkok with an objective to ascertain the factors influencing acceptance of Norplant versus IUD among Thai women attending the Clinic. The clinic is a WHO Collaborating Center for Research in Human Reproduction. Hypotheses of the study are: there is an association between husband's approval and acceptance of Norplant, there is an association between positive perception towards Norplant and its acceptance. The cases and controls were unmatched and comprised of 147 cases and controls each. Norplant acceptors were categorized as cases

and IUD acceptors as controls. Both of them had accepted Norplant® or IUD for at least 6 months as acceptance of a contraceptive method is considered only after its continued use for at least 6-12 months. It has been ascertained that perception of Norplant® or IUD before accepting either method bears a significant association with the acceptance of a particular method. The result revealed that potential acceptors having a score higher in positive perceptions towards Norplant® are 1.149 times more likely to accept Norplant®. (95 %CI = 1.241, 1.62). Likewise, potential acceptors having a score higher in positive perception towards IUD are 1.53 times more likely to accept IUD (95% CI = 1.75, 1.34). The study also revealed that potential acceptors having husband with knowledge about Norplant® are 254.0 times more likely to accept the method compared to those having husbands with no knowledge about the implant (95 % CI = 24.816, 256.966). Conversely, those having husbands with knowledge of IUD would be 19.15 times likely to accept IUD (95 % CI = 0.008, 0.350). Furthermore, those who ever had tried contraceptive(s) in the past have been found to be about 18 times more likely to accept Norplant® compared to those who had never used any method (95 % CI = 3.044 , 116.987). Demographic and Socio-economic variables did not show any influence on acceptance of Norplant® as compared to IUD. All the odds ratios are adjusted for the effects of other variables in the model.