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**Title:** Determinants of oral pill use based on Theory of Planned Behavior among withdrawal user  
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**Abstract:** Introduction: In spite of the modern methods for family planning are easily available, and families do not want to have a pregnancy, families still use withdrawal methods after oral contraceptives (OCs), the most popular method is withdrawal. The proportion of unwanted pregnancies is high among those who use withdrawal in this province as well. The aim of this study was that we detected correlation between intend of OCs use among between withdrawal users. 

**Material & Methods:** Both qualitative and quantitative methods were used in this study. Questionnaire was designed based on qualitative elicitation study among 50 women withdrawal users who discussed their beliefs about OCs. In the quantitative method, participants were 181 women that who recruited from women attending family planning clinics of Tehran’s public health services in the Eastern district of Tehran city in Iran. They were withdrawal users, not currently pregnant and not desiring pregnancy. 

In the analysis, statistical tests such as correlation analysis, explanatory factor analysis and linear regression analysis were employed. 

**Results:** The mean age of the women was 32.5 (Standard Deviation = 6.8) years; 33.1% were 35 or more years old. All of the constructs of TPB included attitude, subjective norm and perceived behavior control presented significant bivariate association with intended contraception, perceived behavior control showing the highest correlation. Theory of Planned Behavior can be accounted for 30% of the variance in stated intent to use OCs. 

**Conclusions:** Improvement of quality of intervention related to OCs must be respectively increased perceived behavior control, attitude and subjective norm due to promote contraception among withdrawal users. 

**Key words:** Contraception, Health Behavior, withdrawal, Iran