

## **Factors Affecting Long-Term and Permanent Contraceptive Uptake among Immediate Post-Partum Mothers at Saint Paul's Hospital Millennium Medical College, Addis Ababa, Ethiopia: A Cross-Sectional Study**

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**Abstract :** Background: Postpartum family planning (PPFP) focuses on the prevention of unintended and closely spaced pregnancies through the first 12 months following childbirth. Objective: This study assesses the barriers to uptake of long-term and permanent family planning methods among immediate post-partum mothers at Saint Paul's Hospital Millennium Medical College in Addis Ababa, Ethiopia. Methodology: An institution-based cross-sectional study was conducted from January 1 to June 30, 2017. The six months of study were used as strata, and systematic sampling used to select participants in each month. Post-partum mothers were interviewed using pretested structured questionnaires. Data entry and analysis were done using SPSS version 17. Bivariate and multivariable logistic regressions were fitted to identify determinants of post-partum family planning uptake. An OR with 95% CIs was calculated, and p values set at 0.05 were used to determine the statistical significance of associations. Results: Four hundred and twenty-two post-partum women were interviewed. Two hundred sixty-eight (63%) women received counselling on family planning, and 241 (66.8 %) got information about contraception. One hundred and fifty-two (45%) of the women accepted long-term and permanent contraception on their immediate postpartum period before discharge. Contraceptive counselling (OR = 2.13, 95% CI 1.004-3.331), getting information from the health facility (OR = 15.15, 95% CI 1.848-19.242), and partner support (OR = 1.367, 95% CI 1.175-2.771) were significantly associated with long-term and permanent contraception uptake. Conclusion: Postpartum counselling on family planning and provision of contraception information improve immediate postpartum FP acceptance, and, hence postpartum programs need to strengthen such services.

**Keywords :** contraception, immediate postpartum, long-term family planning, post-partum family planning

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