

Uptake in the Use of Long-acting reversible contraception in Ibadan metropolis: Analysis of clinic statistics 2011-2015

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Background

The Nigerian Urban Reproductive Health Initiative (NURHI) is implementing a two phase FP/RH intervention using a multi-channel approach to include competence based trainings for providers. Identifying pattern of uptake in the last five years is capable of charting a new course for implementation of next phase

Objective

To understand pattern of uptake associated with Long-acting reversible contraception (LARC), either progesterone contraceptive implants or Intrauterine devices (IUDs) provision in Ibadan metropolis among supported clinics pre and post intervention.

Methodology

We used data from July 2011 to August 2015. From NURHI database of FP service statistics in twenty eight Clinics within five LGAs of Ibadan metropolis, to identify pattern of LARC uptake by method. Descriptive analysis and comparison of means was employed to analyse data.

Results/Key findings

Uptake of LARC increased from a monthly average of 947 in the period (Jul-Dec 2011) to 1,004 (Jul-Dec 2015). An average increase of 6.2% in monthly uptake. A statistically significant difference in the paired sample test difference between mean uptake of IUDs and implants was seen across all periods. This was statistically significant higher for IUDs before the completion of all NURHI competence based trainings for providers in Dec 2012. But higher for implants post intervention (see table and Chart 1). A lower trend in standard error of means (SEM) for IUDs suggests decline in average monthly uptake while a higher SEM for implants average indicate constant increase in provision of Implants services at the clinic level.

Conclusion

Uptake of progesterone implants is on the increase compared to IUDs. There is a changed in pattern of LARC uptake in Ibadan post-providers competence based training (CBT). The CBT proved to have potential for providers' knowledge and skill increase thereby making a broader method mix available for client choice