

Final report for granted project

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Title of the granted project	Levonorgestrel-Intrauterine System (LNG-IUS) and Copper Intrauterine Device Insertion in the Postpartum Period: a Pilot study
Amount granted by the ESC (in euro)	4532,5
Project number:	P-2015-B-05
Allocated mentor:	B. Zilaitiene
Date project actually started:	01-04-2016
Date of completion:	30-11-2017

Please provide a report of your findings and data.

The progress of the project has been as follows:

1. One day orientation to all clinical staff of two health centres was provided in June 2016, on the project, its objectives and methodology.
2. During April - June 2016, a research plan (study protocol) and questionnaires were developed. The study (with study tool, consent forms) was approved by Ethical Review Committee of ARTH.
3. Nurse-midwives of ARTH were trained on PPIUCD insertion was carried out on 5 days in August 2016 in Government Medical College in Udaipur.
4. Random number list was generated, and opaque sealed envelopes with random numbers were sent to two clinics. The staff started counseling women in antenatal clinics about the study and seeking their consent. A post-delivery checklist was used to again assess their eligibility and willingness, after delivery.
5. The data collection started on 10th August onwards. In the two arms, LNG-IUS or copper IUD (CuT 375) were used. Quality supervision and monitoring was done by project director and research supervisor.
6. Till 31 March 2017, a total of 50 insertions have been done. The data collection has now been stopped.

7. Background characteristics of participants: twenty six women were recruited in LNG group, while 24 were recruited in copper T group. Most important findings are that more than half (58%) the women belonged to socio-economically underprivileged scheduled castes or tribes, and nearly three fourths (74%) had never been to school. All women except 4 had given birth to at least one child even before the last delivery in which PPIUD was inserted.

Nearly 66% did not want any more children in future.

The background characteristics of women in both groups were similar.

7. Follow-up at 6 months has been done for 22 women (11 in each group), others have not yet completed 6 months, or did not come for followup visits. The comparison of women between the two groups on selected indicators is shown below. Data on other indicators (e.g. change in hemoglobin level) will be analysed after the follow-up of all 50 women is complete.

The most important difference between the groups was that a higher proportion of women in CuT group had started their periods (73% versus 18%), while a higher proportion in the LNG group were still amenorrhic at 6 months.

Acceptability level, as assessed by whether women would recommend the PPIUD to a friend or sister was also higher in the LNG group (91% versus 73%).

Retention rates were same in both the groups- one woman in each group (out of 11) had expulsion, while it was retained in 10 women in each group.

We expect to complete the 6 months followup of all women by September / October 2017, and have the final report published.

Please provide a final detailed budget on how much you have spent. Was any money not spent? Receipts may be requested.

Approved: 4532 Euros

Expenditure:

Salary of project investigator: 3300 Euro

Service delivery support to provide IUD LNG-IUS: 378

Printing of research forms , instruction sheets etc. 26

Travel cost (reimbursement of travel costs to women returning for followup): 277

Institutional overheads 0

Total expenditure (in Euro): 3981

Balance: 551 Euros

There is a balance of 551 Euros remaining since the followup of all women is not completed, further support for travel and statistical analysis will be needed. The project is likely to be completed by 30 November 2017, and we expect that all money will be spent by this date.

How will your findings be presented?

Presentation

Presentation – note meeting organisation and date

It is planned that the results will be disseminated in India in a dissemination meeting on reproductive health, tentatively scheduled in November 2017. However, if there are other large meetings/ conferences, on postpartum contraception, we will try to present it there as well.

Please let us know whether having a mentor has been helpful or not

Yes, it has been helpful, to take guidance at a few points in the beginning. I expect that at the time of data analysis and final report preparation, I will need to consult my mentor again.

Full Name

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Date

25-04-2017

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