

## **REVIEW AND COMPARISON OF INTRAUTERINE DEVICE/INTRAUTERINE SYSTEM INSERTION PROBLEMS BY MEDICAL AND NURSING STAFF, AND TYPE OF PRE INSERTION CONSULTATION.**

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Family Planning New Zealand (FPNZ) increased the number of trained nurse Intrauterine device /Intrauterine system (IUD/IUS) inserters recently, and now offers a phone consultation before insertion as an option to attending a clinic for a pre IUD/IUS discussion.

This review compares whether there is any difference in the incidence of problems and complications with insertions by doctor or nurses, and whether phone consultations are adequate preparation for the insertion visit.

### **Method:**

Chart review of 1 Clinic (Manukau) IUD/IUS insertions in the first 6 months 2019. 484 cases were identified and charts reviewed by the authors. There were 367 (76%) inserted by doctors and 117 (24%) by nurses.

### **Findings:**

No significant difference was found in the proportion of nulliparous women, type of device, difficulty with insertion, or complications between nurse or doctor inserters. There was also no difference whether the consultation prior to insertion was by phone or in the clinic.

18% of Nulliparous women required cervical dilation compared to 11% of multiparous women.

Age was not a significant risk factor for problems occurring in 16% of <20yrs and 14% >20yrs

**Conclusion:** Our study confirmed appropriately trained nursing staff have an important role in providing IUD/IUS services for all women both nulliparous and multiparous and that phone consultations prior are a suitable option.

Key words, IUD, IUS , problems, complication