

## **IUD expulsion solved with implant technology.**

Van Kets, H; Wildemeersch, D; van der Pas, H; Vrijens, M; Van Trappen, Y; Delborge, W; Temmerman, M; Batar, I; Barri, P; Martinez, F

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### **Abstract:**

In an attempt to minimize the problem of IUD expulsion, implantation technology has been developed and tested. The trials have extended from 1985 until the present time for interval as well as for immediate postabortal and post-placental insertion and fixation of the CuFix IUD (Gyne-Fix). The present article reports on an ongoing study with GyneFix interval insertion, with an improved inserter, in 820 women, observed up to 3 years, of whom 213 (25.9%) are nulligravid/nulliparous. The cumulative expulsion rate is 0.6 per 100 women-years at 3 years and is not significantly higher in the nulligravid/nulliparous group. The cumulative pregnancy rate is 0.6 and the cumulative removal rate for medical reasons 3.2 at 3 years. The total experience in this multicenter study covers approximately 14,000 woman-months. It is concluded that the design characteristics of the GyneFix (fixed, frameless, and flexible) explain the low expulsion, high efficacy and high acceptability rates. The implantation technology is very effective and the improved inserter allows easy insertion and optimal anchoring.