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|   |  IUS-LNG n. 62 |  ENG Implant n. 86 | SARC n=71 | *P* |
| Age range, ys  | 16-35  | 16-38  | 17-35  | 0.6 (ANOVA)  |
| Age, mean±SD, ys  | 26±5  | 27±8  | 25±8  | 0.6 (ANOVA)  |
| BMI, mean±SD, kg/m2  | 25.3±3.1  | 24.4±2.2  | 25±2.8  | 0.3 (ANOVA)  |
| Cycle length, mean±SD, days  | 27±3.5  | 28±3.5  | 27±4.1  | 0.9 (ANOVA)  |
| Length of menses, mean±SD, days  |  4±1.8  | 4±3.1  | 4±2.7  |  |
| **Education level, n.(%)** High Medium Low  | 3 (4.8) 7 (11.3) 52 (83.9)  | 5 (5.8) 8 (9.3) 73 (84.9)  | 4 (6.6) 7 (9.8) 60 (84.6)  | **(ꭓ2test)** 1 1 0.1  |
| Social status, n.(%) married cohabiting single  | 18 (29.1) 24(38.7)20 (32.2)  | 27 (31.4) 31 (36.1) 28 (32.5)  | 21(29.6) 26 (36.6) 24 (33.8)  | **(ꭓ2test)** 0.6 0.4 0.8  |
| Parity, n.(%) 0 One Two Three  | 0 (0) 47 (75.8) 9 (14.5) 6 (9.7)  | 22 (25.5) 53 (61.7) 10 (11.6) 1 (1.2)  | 20 (28.2) 41 (57.7) 10 (14.1) 0 (0)  | **(ꭓ2test)** 0.001 0.007 0.4 0.001  |
| Previous elective abortion, n.(%) 0 one two three  | 0 (0) 31 (50) 15 (24.2) 16 (28.8)  | 0 (0) 44 (51.2) 15 (17.4) 27 (31.4)  | 3 (4.2) 40 (56.3) 20 (28.2) 8 (11.3)  | **(ꭓ2test)** 0.001 0.5 0.3 0.001  |
| Hormonal Contraception in the past, n.(%) Oral pill Vaginal ring  | 20 (32.4) 8 (12.9)  | 14 (16.3) 9 (10.5)  | 16 (22.5) 4 (5.7)  | **(ꭓ2test)** 0.1 0.2  |
| Non hormonal contraception, n.(%) None Condom  | 21 (33.8) 13 (20.9)  | 45 (52.3) 18 (20.9)  | 36 (50.7) 15 (21.1)  | **(ꭓ2test)** 0.5 0.5  |