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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 |