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|  | TABLE 1: Baseline characteristics in patients of study groups |
| P value | Group 3 | Group 2 | Group 1 | Variables |
| 0.19 | 25.30±5.42 | 24.64±4.94 | 23.90±4.95 | Age (years),(mean±SD) |
| 0.00 | 27.14±5.35 | 26.92±5.95 | 23.33±4.15 | BMI (kg/m2), (mean±SD) |
| 0.03 | 0.90±0.06 | 0.92±0.05 | 0.89±0.05 | WHR, (mean±SD) |
| 0.97 | 13.32±1.39 | 13.16±1.20 | 13.22±1.49 | Age at menarche (years), (mean±SD) |
| 0.36 | 5.45±5.05 | 4.07±3.51 | 4.64±3.96 | Duration of disease (years), (mean±SD) |
| Group 1= Aslagh; Group 2= metformin; Group 3= Aslagh + metforminBMI=, Body mass index; WHR= Waist-hip ratio |

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| TABLE 2: Comparison of the groups on occurrence of menstrual bleeding in three months of intervention |
| All patients | Group 3 | Group 2 | Group 1 | Occurrence of menstrual bleeding |
| 15 (12.8%) | 6 (14.6) | 4 (10.3) | 5 (13.5%) | No menstrual bleeding, n (%) |
| 35 (29.9%) | 13 (31.7%) | 15 (38.5%) | 7(18.9%) | Once menstrual bleeding, n (%) |
| 51 (43.6%) | 16 (39%) | 16 (41%) | 19 (51.4%) | Twice menstrual bleeding, n (%) |
| 16 (13.7%) | 6 (14.6%) | 4 (10.3%) | 6 (16.2%) | Three times menstrual bleeding, n (%) |
| 117 (100%) | 41 (100%) | 39 (100%) | 37 (100%) | All patients, n (%) |
| Group 1= Aslagh; Group 2= metformin; Group 3= Aslagh + metforminAll comparisons were done using chi-square test, *p*= 0.66 |

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| TABLE 3: Comparison of the groups on characteristics of menstrual bleeding in the three months of intervention |
| P value | Group 3 | Group 2 | Group 1 | Characteristics of menstrual bleeding |
| 0.03 | 6.85±1.64a | 6.20±1.60b | 7.31±1.90a | The first menstrual bleeding | Duration of menstrualbleeding\*(days), mean (SD) |
| 0.03 | 6.13±1.20b | 6.35±2.05a | 7.28±1.62a | The second menstrual bleeding |
| 0.92 | 6.50±1.04 | 6.25±1.50 | 6.83±1.83 | The third menstrual bleeding |
| 0.16 | 52.51±23.95 | 44.40±15.10 | 52.25±19.72 | The first menstrual bleeding | Volume of menstrual\*\*bleeding (ml), mean (SD) |
| 0.26 | 49.95±22.76 | 40.25±17.99 | 44.00±17.20 | The second menstrual bleeding |
| 0.31 | 57.33±22.80 | 37.00±21.11 | 48.83±14.94 | The third menstrual bleeding |
| Group 1= Aslagh; Group 2= metformin; Group 3= Aslagh+metforminAll comparisons were done using one-way ANOVA.\* Different letters mean a significant difference in each row.\*\* According to Higham chart. |