

Table 1) Absolute and relative frequency of OHSS (Numbers in parenthesis are percent) in PCO and non PCO groups of infertile patients candidate for ICSI performed in Sarem Hospital in Tehran (n= 321 patients)

| Group | Minor OHSS | Medium OHSS | Total |
|---------|------------|-------------|------------|
| PCO | 46(45.1) | 56(54.9) | 102(31.8) |
| Non PCO | 147(67.1) | 72(32.9) | 219(68.2) |
| Total | 193(60.1) | 128(39.9) | 321(100.0) |

Fisher's exact test; p=0.0001

Table 2) Mean of the quantitative variables and outcomes in PCO and non PCO groups in infertile candidates for ICSI performed in Sarem Hospital in Tehran (321 patients)

| Variables | Mean | Significance Level |
|---|-------------|--------------------|
| Age(Year) | | |
| PCO group | 29.77±5.10 | 0.341 |
| Non-PCO group | 30.33±4.80 | |
| Total | 30.16±4.90 | |
| Weight(Kg) | | |
| PCO group | 68.9±9.25 | 0.749 |
| Non-PCO group | 68.50±9.96 | |
| Total | 68.65±9.73 | |
| BMI(kg/m²) | | |
| PCO group | 26.25±3.50 | 0.755 |
| Non-PCO group | 26.11±3.80 | |
| Total | 26.16±3.70 | |
| Number of follicles | | |
| PCO group | 14.96±5.30 | 0.188 |
| Non-PCO group | 16.09±4.37 | |
| Total | 15.12±5.23 | |
| Number of oocytes | | |
| PCO group | 14.96±5.30 | 0.188 |
| Non-PCO group | 16.09±4.37 | |
| Total | 15.12±5.23 | |
| Number of obtained fetus | | |
| PCO group | 7.96±4.20 | 0.55 |
| Non-PCO group | 7.56±3.30 | |
| Total | 7.90±4.06 | |
| Number of transmitted fetus | | |
| PCO group | 3.98±1.15 | 0.015 |
| Non-PCO group | 3.64±1.02 | |
| Total | 3.74±1.07 | |
| Rate of fertility | | |
| PCO group | 56.04±21.60 | 0.115 |
| Non-PCO group | 51.89±22.02 | |
| Total | 53.21±21.94 | |
| Duration of hospitalization(day) | | |
| PCO group | 3.96±1.69 | 0.002 |
| Non-PCO group | 3.45±1.20 | |
| Total | 3.61±1.40 | |