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| Table 2: Hematological parameters according to the presence of Metabolic Syndrome (MetS) | | | | |
| *Variables* | ***MetS (n=112)*** | ***No MetS (n=103)*** | ***All (n=215)*** | ***p* value** | |
| Hemoglobin (g/dl), median (IQR) | 13.6 (13.1-14.6) | 13.9 (13.2-14.5) | 13.7 (13.1-14.5) | 0.514† | |
| Hematocrit (%), median (IQR) | 40.4 (39.0-42.5) | 40.9 (38.8-42.7) | 40.6 (38.9-42.6) | 0.878† | |
| MCHC (g/dl), median (IQR) | 33.9 (33.2-34.6) | 34.0 (33.3-34.6) | 33.9 (33.3-34.6) | 0.461† | |
| MCV (fl), median (IQR) | 86.1 (83.288.9) | 85.4 (82.6-87.7) | 85.5 (83.0-88.3) | 0.09† | |
| C-reactive protein (mg/L) median (IQR) | 7.74 (3.9-11.6) | 9.19 (4.5-14.4) | 8.02 (4.0-13.6) | 0.16† | |
| Ferritin (ng/dl) , median (IQR) | 83.0 (36.3-185.5) | 64.0 (35.0-123.0) | 73.0 (36.0-155.0) | 0.16† | |
| Transferrin (mg/dl), median (IQR) | 281.0 (248.8-316.5) | 281.0 (263.0-315.0) | 281.0 (258.0-315.5) | 0.253† | |
| Iron (ug/dl), median (IQR) | 75.0 (55.3-91.0) | 73.0 (56.0-100.0) | 74.0 (56.0-94.0) | 0.825† | |
| Iron deficiency, % (n) | 8.0 (9) | 5.8 (6) | 7.0 (15) | 0.52\*\* | |
| Anemia, % (n) | 7.1 (8) | 4.9 (5) | 6.0 (13) | 0.48\*\* | |
| IQR: interquartile range; MCHC: mean corpuscular hemoglobin concentration; MCV: mean corpuscular volume;  † Mann-Whitney U test; \*\* Fisher’s exact test | | | | |