|  |  |  |  |
| --- | --- | --- | --- |
| Table 1. Comparison of age, WC, BMI, indices of OS, oxidative DNA damage and inflammation, liver enzymes, heavy metals and uHA in automobile workers and non-automobile workers. | | | |
| Parameter | Automobile workers n=50 | Non-automobile wokkers n=50 | *P*-value |
| Age (years) | 34.76±4.78 | 34.22±7.04 | 0.655 |
| WC (cm) | 32.02±2.95 | 32.45±2.96 | 0.469 |
| BMI (kg/m2) | 24.22±4.49 | 23.28±2.33 | 0.192 |
| MDA (mmol/L) | 9.11±2.64 | 2.41±2.08 | 0.000\* |
| TPP (mmol/L) | 48.83±18.02 | 33.85±9.96 | 0.000\* |
| TAC (mmol/L) | 99.04±15.19 | 127.52±4.36 | 0.000\* |
| OSI (%) | 50.48±20.04 | 26.52±7.64 | 0.000\* |
| NO (nmol/L) | 24.90±6.73 | 10.70±3.57 | 0.000\* |
| GSH (mmol/L) | 62.76±18.54 | 64.76±12.20 | 0.524 |
| 8-OHdG (ng/ml) | 15.74±22.61 | 8.73±1.10 | 0.031\* |
| TNF-α (pg/mL) | 1.04±0.28 | 0.98±0.23 | 0.227 |
| ALT (IU/L) | 39.54±22.43 | 13.60±15.53 | 0.000\* |
| ALP (IU/L) | 258.62±121.97 | 130.82±69.17 | 0.000\* |
| GGT (IU/L) | 56.44±9.06 | 28.82±16.45 | 0.000\* |
| Pb (µg/dl) | 9.66±4.23 | 4.89±2.22 | 0.000\* |
| Cd (µg/l) | 1.76 ± 0.65 | 0.85±0.32 | 0.000\* |
| uHA (g/gCr) | 1.52±0.57 | 0.73±0.27 | 0.000\* |
| uCr (mg/L) | 252.28±26.94 | 268.49 ± 24.86 | 0.002\* |
| |  | | --- | | Results presented as mean±SD, \*=significant at p<0.05, WC=waist circumference, BMI=body mass index, MDA=malondialdehyde, TPP=total plasma peroxides, TAC=total antioxidant capacity, OSI=oxidative stress index, NO=nitric oxide, GSH=reduced glutathione, 8-OHdG=8-hydroxy-2-deoxyguanosine, TNF-α=tumour necrosis factor alpha, ALT=alanine aminotransferase, ALP=alkaline phosphatase, GGT=gamma glutamyl transferase, uHA=urine hippuric acid, uCr=urine creatinine | | | | |