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| Table 1. Univariate and Multivariate Logistic Regression Analysis for parameters affecting delayed neurological Sequelae (DNS) among CO-intoxicated patients (n = 60) | | | | |
|  | Univariate | | #Multivariate | |
|  | p | OR (95%C.I) | p | OR (95%C.I) |
| Time passed since exposure (Hours) | 0.004\* | 2.205 (1.293 – 3.760) | - | - |
| Duration of exposure (Hours) | 0.001\* | 10.811(2.634–44.370) | - | - |
| Systolic blood pressure | 0.001\* | 0.755 (0.642 – 0.887) | - | - |
| Diastolic blood pressure | 0.012\* | 0.763 (0.618 – 0.942) | - | - |
| CT brain findings | 0.997 | – |  |  |
| pH | 0.329 | 0.001 (0.000 – 1687.444) |  |  |
| PCO2 | 0.001\* | 0.778 (0.674 – 0.897) | - | - |
| SaO2 | 0.012\* | 0.837 (0.728 – 0.962) | - | - |
| HCO3 | 0.047\* | 0.617 (0.383 – 0.994) | - | - |
| Hyperbaric | <0.001\* | 150.0(15.493-1452.25) | - | - |
| GCS | 0.007\* | 0.663 (0.493 – 0.893) | 1.000 | 0.932(0.001-0.01) |
| COHb | <0.001\* | 1.464 (1.183 – 1.811) | 0.152 | 1.943(0.783-4.819) |
| IMA | 0.003\* | 1.088 (1.030 – 1.150) | 0.170 | 1.292(0.896-1.863) |
| NLR | 0.001\* | 2.956 (1.529 – 5.715) | 0.186 | 4.104(0.507-33.208) |
| OR: Odd`s ratio  C.I: Confidence interval LL: Lower limit UL: Upper Limit  #: All variables with p<0.05 was included in the multivariate  \*: Statistically significant at p ≤ 0.05 | | | | |