# The Relationship Between Procalcitonin Level and Short Term Mortality in Emergency Department

*Acil Serviste Prokalsitonin Düzeyi ile Kısa Dönem Mortalite Arasındaki İlişki*

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We noticed that there were two spelling errors in our article titled " The Relationship Between Procalcitonin Level and Short Term Mortality in Emergency Department" with Manuscript ID: 1245961 (Volume:6, Issue:3 and DOI: https://doi.org/10.54996/anatolianjem.1245961)

- On page 2, in the statistical analysis section, "p Values > 0.2 among these parameters were evaluated by multivariate logistic regression analysis whether they were independent risk factors for mortality." should have been written instead of "p Values < 0.2 among these parameters were evaluated by multivariate logistic regression analysis whether they were independent risk factors for mortality."

- In Table 2 on page 3, the p-value for hemoglobin should have been written "0.004" instead of "0.262". The authors sincerely apologize for this error.

Corrected paragraph;

"Statistical analysis: Study data were recorded in the "Statistical Package for Social Sciences for Windows 22.0". Normality analyzes were evaluated with the Kolmogorov-Smirnov test. When comparing the values of the patients such as age and laboratory, the T-test or Mann-Whitney test was used according to normality analysis. The Chi-square test was used to compare categorical variables. The receiver operating characteristic (ROC) analysis was performed and area under the curve (AUC) values were calculated for surviving and non-surviving patients. P Values <0.05 were considered statistically significant. Univariate analysis was performed to evaluate the factors affecting mortality. p Values < 0.2 among these parameters were evaluated by multivariate logistic regression analysis whether they were independent risk factors for mortality."

Corrected Table 2 on page 3 is:

|  | Survivors | | Non-Survivors | | Odds Ratio | p |
|---|---|---|---|---|---|---|
|  | N | Median (IQR) | N | Median (IQR) |  |  |
| **Age** | 427 | 73 (63-81) | 72 | 81.5 (66-86) | 1.032 (1.012-1.053) | 0.001 |
| **Vital signs** |  |  |  |  |  |  |
| *SBP (mmHg)* | 427 | 126 (112-136) | 72 | 106 (81-131) | 0.975 (0.965-0.985) | 0.002 |
| *DBP (mmHg)* | 427 | 80 (70-85) | 72 | 68 (51-82) | 0.961 (0.946-0.977) | <0.001 |
| *Pulse rate (beats/min)* | 427 | 87 (82-105) | 72 | 102.5 (82-125) | 1.020 (1.009-1.031) | <0.001 |
| *Respiratory rate (beats/min)* | 427 | 19 (16-22) | 72 | 22 (18.3-28) | 1.151 (1.097-1.208) | <0.001 |
| *Oxygen saturation %* | 427 | 96 (91-98) | 72 | 90 (80-96) | 0.937 (0.914-0.961) | <0.001 |
| **Laboratory** |  |  |  |  |  |  |
| *Procalcitonin (ngr/ml)* | 427 | 0.29 (0.16-0.73) | 72 | 1.07 (0.32-5.30) | 1.033 (1.013-1.054) | 0.001 |
| ***Complete Blood Count*** |  |  |  |  |  |  |
| *WBC (103/µl)* | 427 | 11 (8.1-14.3) | 72 | 14.2 (9.3-22.4) | 1.016 (0.995-1.038) | 0.133 |
| *Hemoglobin ( (gr/dl)* | 427 | 11.8 (10.4-13.4) | 72 | 11.2 (9.7-12.3) | 0.860 (0.767-0.963) | 0.004 |
| *Platelet (103/µl)* | 427 | 225 (170-301) | 72 | 222 (138-308) | 0.999 (0.996-1.001) | 0.262 |
| **Blood Gas** |  |  |  |  | 0.960 (0.993-0.987) |  |
| *pH* | 319 | 7.42 (7.37-7.46) | 64 | 7.41 (7.29-7.47) | 0.063 (0.006-0.614) | 0.017 |
| *PCO2* | 319 | 36.6 (30.4-42.8) | 64 | 30.4(26.2-38.8) |  | 0.004 |
| *Lactate (mmol/l)* | 319 | 1.5 (1.0-2.3) | 64 | 2.7 (1.4-5.8) | 1.302 (1.180-1.436) | <0.001 |
| *BE (mmol/l)* | 319 | -1.0 ([-]4.1-1.9) | 64 | -3.1 ([-]3.1 -0.5) | 0.900 (0.841-0.935) | <0.001 |

CI = confidence interval, SBP: Systolic blood pressure, DBP: Diastolic blood pressure, WBC: White blood cell

**Table 2:** Characteristics of survivor and non- survivor patients

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