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**Title:** Methyl Alcohol Intoxication as a Public Health Issue: A 3-Year Retrospective Analysis

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**Keywords:** Methanol, Intoxication, Treatment, Outcomes.

**Statistical Analysis:**

Statistical analyses were conducted using SPSS 27.0.1 (IBM, Armonk, NY, USA). Continuous variables were presented as mean  $\pm$  standard deviation (SD), while categorical variables were expressed as frequency (n) and percentage (%). The normality of continuous data was assessed via the Shapiro-Wilk and Kolmogorov-Smirnov tests, histograms, and skewness-kurtosis values. Student's t-test and Mann-Whitney U test were used for parametric and nonparametric comparisons, respectively. Categorical variables were analyzed using Pearson's chi-square test or Fisher's exact test (for  $n < 5$ ). Independent risk factors for mortality were identified using the area under the curve (AUC) and ROC analysis to determine optimal mortality predictors. Odds ratios (OR) with 95% confidence intervals (CI) were calculated, and statistical significance was set at  $p \leq 0.05$ .