≈ ORAL PRESENTATIONS ≈

OP 012

Analysis of the Factors That Affect the Prognosis of the Patients with Acute Paraquat Poisoning

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Abstract

Objectives: To analyze the different clinical factors of the patients with acute paraquat poisoning. To provide the scientific basis for clinician providing proper care and predicting the outcome accurately.

Methods: The clinical data of 66 patients with acute paraquat poisoning were collected in EICU of Sheng jing hospital. One month is the end time for observing. They were divided into survival group and mortality group. The data include the information about age, gender, dosage, admission time, the duration from the gastric lavage to ingestion of poisons, white blood cells, CK-MB, serum creatinine, ALT in blood, APACHEII score, arteial blood gas analysis results were retrospective analyzed. Which selected into logistic stepwise regression are analyzed through ROC curves to evaluate the diagnostic value.

Results: The amount of ingestion, white blood cells, CK-MB, serum creatinine, ALT, $PaCO_2$, PaO_2, HCO_3-, APACHE II score between the death group and survival group reach the statistically significant ($P < 0.05$). There are differences in different time of APACHE II score to evaluate the death. The amount of ingestion, APACHEII score were selected through Logistic regression analysis. APACHE II score combining the amount of ingestion has the largest area under the ROC.

Conclusions: APACHEII score and the amount of ingestion can be used as an effective indicator for the prognosis of the patients with paraquat poisoning. APACHEII score combing the amount of ingestion have a higher value in the risk of death

APAMT 2014
SEP 12-14 2014 SHENYANG