

Poster Abstracts

PO-07

PROGNOSTIC VALUE OF URINE PARAQUAT CONCENTRATIONS COMBINED WITH POISONING TIME AND CREATININE CLEARANCE RATE WITH ACUTE PARAQUAT POISONING

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Objectives: To measure the paraquat concentrations in urine and evaluate the prognostic value of urine paraquat concentrations combined with poisoning time and creatinine clearance rate to acute paraquat poisoning (APP).

Methods: Clinical data such as urine paraquat concentrations, poisoning time and creatinine clearance rate from 96 patients were collected, then we define the toxic index as (urine paraquat concentrations \times poisoning time / creatinine clearance rate) and evaluate its prognostic value.

Results: Logistic regression analysis shows either urine paraquat concentrations and toxic index was related to the prognosis, and the area under the receiver operating characteristic curve (ROC) of toxic index was greater.

Conclusion: The urine paraquat concentrations, toxic index has prognostic value for APP patients, the prediction value of toxic index is greater.