

MEETING ABSTRACT

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Effect of the Xuebijing oral solution on survival of rabbits with acute paraquat poisoning

Song Zu-jun¹, Chen Gao-fei^{2*}, Ao Guo-kun³, Cao Jian-xiao³

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Objective

To study the effect of the Xuebijing oral solution on survival of rabbits with acute paraquat poisoning.

Methods

30 New Zealand white rabbits were randomly divided into saline control group (group A) and two treatment groups of 3ml/kg (group B) and 10ml/kg (group C) of Xuebijing oral solution. All the rabbits were treated with PQ at 35mg/kg through intraperitoneal injection, which would build the model of acute poisoning. Group B and C were treated by gavage with 3ml/kg and 10ml/kg of Xuebijing oral solution respectively, once a day to maintain. Group A were treated with saline instead.

Results

The analysis of survival curve showed that the survival rate was not significantly different between group A and B, but group C was significantly higher than group A and B ($P < 0.05$).

Conclusion

Large doses of Xuebijing oral solution may improve the survival rate of acute paraquat poisoning.

Author details

¹Department of Emergency The 309th Hospital of Chinese People's Liberation Army, 17 Heishanhu Road, Haidian District, Beijing 100091, People's Republic of China. ²The Fourth Military Medical University; No.127 Changle Xilu Road Xi'an 710032, People's Republic of China. ³Department of Radiology The 309th Hospital of Chinese People's Liberation Army, 17 Heishanhu Road, Haidian District, Beijing 100091, People's Republic of China.

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* Correspondence: chengaofeicoffee@163.com

²The Fourth Military Medical University; No.127 Changle Xilu Road Xi'an 710032, People's Republic of China

Full list of author information is available at the end of the article

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