

SUPERWARFARIN INTOXICATION IN A PATIENT WITH SUICIDAL ATTEMPT BY RODENTICIDE INTAKE

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ABSTRACT

The authors hereby present a case of superwarfarin intoxication due to the suicidal attempt by rodenticide intake in a female patient. In this case, the patient was early delivered to the hospital and early managed. The only observation is the persistence of hypokalemia for 2 weeks. There is no problem of thrombohemostasis. This case can show that early management of the superwarfarin intoxication can result in good outcome.

INTRODUCTION

The authors hereby present a case of superwarfarin intoxication due to the suicidal attempt by rodenticide intake in a female patient. In this case, the patient was early delivered to the hospital and early managed. The only observation is the persistence of hypokalemia for 2 weeks. There is no problem of thrombohemostasis. This case can show that early management of the superwarfarin intoxication can result in good outcome.

CASE REPORT

A 62 years old female patient was brought to the hospital by her grandson with the information that the patient had just intook rodenticide for suicidal attempt for a few minutes. The patient was managed by gastric lavage. The case was tested for renal function, liver function, complete blood count, prothrombin time, activated partial thromboplastin time and electrolyte. All findings are within normal limits except for hypokalemia (3 mg/FL). However, there were no clinical signs of hypokalemia. This

patient received supportive treatment and the hypokalemia was spontaneously resolved within 2 weeks.

DISCUSSION

Superwarfarin intoxication is the important intoxication. The cause is usually due to intake of rodenticide. In fact, warfarin and its derivatives including superwarfarin has the effect on hematological system. Disturbance of coagulation process can be seen [1 - 3]. In the present report, the patient had clear history of suicidal attempt by intaking of rodenticide. However, the early delivery to the medical center and management can result in good outcome. No complication on hematological system can be seen. However, there is an observation on unexplained hypokalemia in the patient. This might be only an accidental finding. It hereby can conclude that early management of the superwarfarin intoxication can result in good outcome.

CONFLICT OF INTEREST: None

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