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METHEMOGLOBINEMIA AS AN ATYPICAL MANIFESTATION OF INDOXACARB POISONING

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INTRODUCTION

Indoxacarb is an oxadiazine insecticide, which acts by blocking sodium channels in the nervous system of insects and causes tremors, cessation of feeding, and death in a couple of hours.

Contact with the substance can take place through ingestion, physical contact, translaminal action, during preening, and at rewetting of surfaces. This case report highlights the importance of considering the possibility of methemoglobinemia in cases of exposure to indoxacarb and its early recognition and management.

Case Report :

A 30-year-old male farmer came to the emergency department 10 hours after ingestion of indoxacarb insecticide poison, with chief complaints of Shortness of breath. On arrival to the Emergency, patient was alert. Airway was Patent. patient had both Tachypnea and Tachycardia. Oxygen saturation of patient was 78% with 15 litres of oxygen. Blood Pressure was 140/80 mmHg with a heart rate of 79 beats per min. Peripheral pulse was regular in rate and rhythm, pulse volume was adequate.

Capillary Refill Time was within normal limits. On examination, The patient was conscious coherent and obeying commands, oriented to time, place and person. Pallor was present, no clubbing, the patient's blood was noticed to be muddy brown in colour, and peripheral cyanosis (bluish brown Discolouration of tongue and lips) was noticed. There was No lymphadenopathy, No pedal edema.

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