

## A FLOWCHART TO TREAT ALUMINUM PHOSPHIDE POISONING

**Behrooz Hashemi Domeneh**, Nasim Zamani, Hossein Hassanian-Moghaddam, Mitra Rahimi, Shahin Shadnia  
*Loghman Hakim Hospital, Shahid Beheshti Medical University, Iran*

Using pesticides such as aluminum phosphide (ALP) has increased within the recent years and improved the quantity and quality of agricultural products. This pesticide causes severe chronic and acute toxicities which are a main health problem in many countries such as India, Iran, Bangladesh, and Jordan. Annually, almost 300000 deaths occur worldwide due to pesticide poisoning, many of which are due to ALP poisoning. This is while unfortunately, no standard treatment exists for the treatment of this toxicity. We aimed to design a flowchart to manage the patients with this poisoning.

**Objectives:** To introduce best methods of management of ALP poisoning.

**Methods:** A wide literature review was performed evaluating all articles published on the management of ALP poisoning from 2000 till now. Using a modified Delphi design, a handy flowchart was designed to be used as a guide for management of these patients in emergency centers.

**Results:** Flowchart of ALP poisoning attached.

**Conclusions:** Based on the literature review performed, our flowchart can be used as a guide for treatment of ALP poisoning.

Figure 1: Suggested Flowchart for the Treatment of ALP Poisoning

