

Metropolitan Ambulance Service		Rural Ambulance Victoria	
Clinical Practice Guideline	<b>ORGANOPHOSPHATE POISONING (PAEDIATRIC)</b>		<b>CPG:P1702</b>
Version 3 - 011105			Page 1 of 2

### 1. Initial Management

- Treat as for *Clinical Approach*



### 2. Assess Degree Of Contamination

- **Avoid self contamination.** Wear Personal Protective Equipment (PPE).
- Where possible, contaminated clothing should be removed and the skin washed thoroughly with soap and water.



### 3. Confirm Clinical Evidence Of Probable Organophosphate Poisoning

- If cholinergic effects are present, i.e. salivation, bronchospasm, sweating, nausea or bradycardia, manage as “**TIME CRITICAL**” and treat clinical problems accordingly.
- Transport without undue delay.
- If cholinergic effects, as above are present, particularly where salivation or bronchospasm compromise the airway or if the patient has a bradycardia with inadequate or extremely poor perfusion, administer **ATROPINE SULPHATE** 20 mcg / kg.
- If necessary **ATROPINE SULPHATE** 20 mcg / kg increments IV, may be given at 5 minute intervals until excessive cholinergic effects resolve.
- Large doses of **ATROPINE SULPHATE** may be required. This is dependent upon the amount of organophosphate absorbed. Consult with the Intensive Care Unit of the Royal Children’s Hospital for further management guidelines.
- Continue initial management and transport.

..... this guideline continued

Metropolitan Ambulance Service		Rural Ambulance Victoria	
<b>Clinical Practice Guideline</b>	<b>ORGANOPHOSPHATE POISONING (PAEDIATRIC)</b>		<b>CPG:P1702</b>
Version 3 - 011105			Page 2 of 2

**Note:**

The key word to look for on the label is “anti-cholinesterase”. There are a vast number of organophosphates which are used not only for spraying in orchards but also for many household uses. Given potential contamination by a possible organophosphate the container identifying trade and generic names should be identified and the poisons information centre contacted for confirmation and advice.

The use of Suxamethonium Hydrochloride is contraindicated in patients with suspected Organophosphate Poisoning