

OSCE

Candidate information

You are the telehealth ED consultant. Your junior Registrar at the peripheral hospital you both work at has called you regarding two patients. The first is a 68 year old man who was last seen 18 hours ago. His wife found him obtunded with a half empty can of Malathion™ next to him. Distressed by finding her husband in such a state, she called her daughter and told her goodbye...then drank the rest of the Malathion. Her daughter called the ambulance, who brought both patients to hospital in an unconscious state.

Your Registrar would like advice on management of these patients and has questions to ask. Please answer them.

Domain	%
Medical expertise	40
Prioritisation and decision making	30
Communication	
Teamwork and collaboration	
Leadership and management	
Health advocacy	
Scholarship and teaching	30
Professionalism	

Actor (Reg) information

The ambulance has brought in two patient with organophosphate overdose. The first is a 68 year old male last seen 18 hours ago, found by his wife with half a can of Malathion [™] next to him. Distressed by finding him like this, she called her daughter to say goodbye and then drank the rest of the can of Malathion herself. The daughter called the ambulance, who found both patients unconscious and raced them to your peripheral ED.

You have called your consultant, who is available by telehealth, to discuss management, as you have not managed an organophosphate overdose before.

Prompts:

- How should I manage an organophosphate overdose? *Supportive ABCDE, pralidoxime 2g IV, atropine (3mg IV, repeated as needed),*
- What is ageing of organophosphate and how does it impact this case? *After a period of time (often 12 hours) the organophosphate is irreversibly bound and cannot be reversed/treated with pralidoxime*

Marking:

	Mark
Appropriate management of delayed organophosphate OD with ageing (husband)	2
Appropriate management of acute organophosphate ingestion (wife)	2
Seek and treat co-ingestants	1
Considers detaining wife under mental health act	1
Involves toxicology/Poisons	1
Involves ICU	1
Explains ageing of organophosphates when asked	1
Approach to Registrar – organised, supportive, etc	1