

Refractory status epilepticus following self-poisoning with the organochlorine pesticide endosulfan

Darren M Roberts¹, Wasantha Dissanayake, M H Rezvi Sheriff, Michael Eddleston

Summary

We describe a case of refractory status epilepticus presenting to a rural general hospital in Sri Lanka. This patient's condition was precipitated by intentional self-poisoning with the organochlorine insecticide endosulfan. Although rarely seen in developed countries, pesticide poisoning particularly with endosulfan is an important cause of difficult-to-manage seizures in Asian countries. In this case report, we discuss the management of status epilepticus and refractory status epilepticus. Further, we specifically discuss the clinical pharmacology and toxicology of endosulfan.

Keywords

endosulfan

mortality

poisoning

toxicology

status epilepticus

refractory status epilepticus