

Alert on herbal medicine poisoning

The Department of Health (DH) has recently received notification of a confirmed case of aconitum alkaloid poisoning from the Hospital Authority (HA). Without Chinese medicine practitioner (CMP)'s consultation, the patient purchased Chinese medicines in a licensed Chinese herbal medicines (Chm) retailer and consumed the herbal broth according to the prescription previously issued by a CMP. The patient developed symptoms including perioral and finger numbness, dizziness, abdominal pain, nausea and diarrhea after consumption of the herbal broth. Then the patient was admitted to a public hospital for treatment and was subsequently discharged. Laboratory results from HA showed aconitum alkaloids were detected in the patient's urine and herbal remnant samples. Field investigation did not identify gross contamination of related Chinese medicines with aconitum alkaloids. The suspected contributing factors for this poisoning event are consumption of Chinese medicines without instruction of CMP and overdose of inadequately decocted processed *Radix Aconiti Lateralis*.

Processed *Radix Aconiti Lateralis* is listed in the Schedule 2 of the Chinese Medicine Ordinance (Cap 549). It is commonly used for pain relief, but contains aconitum alkaloids. If used improperly, aconitum alkaloids can cause perioral and limbs numbness, dizziness, nausea, vomiting, diarrhea, weak pulses and shortness of breath. It can be fatal in severe case. Therefore, prolonged decoction of *Radix Aconiti Lateralis* to reduce its toxicity is required before oral consumption.

Members of the public are advised not to self-prescribe Chinese medicines. Those who are feeling unwell should consult Chinese medicine practitioner before taking Chinese medicines. Medical advice should be sought if there is any discomfort after consumption.

Members of the public may visit the website of Chinese Medicine Division of DH (http://www.cmd.gov.hk/html/eng/health_info/pamphlet.html) for information about safe use of Chinese medicines.

Chinese Medicine Division
Department of Health
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