

## **Drinking Acid : Child ingesting detergent placed in a Cordial Bottle**

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### **Introduction:**

Detergent are powerful cleaning product that may contain strong acid, alkalis or phosphates. When placed into drinking bottle, it poses risk to be accidentally ingested. We present such a case occurring in a young kid.

### **Case Description:**

A 6 Years old boy allegedly ingested acidic household detergent which placed in a F&N cordial bottle. Child thought the content was sweet syrup. After ingestion, child had vomiting. A relative took the child to our centre with taxi. On arrival at ED triage, patient was alert and conscious and triaged to the resuscitation zone. Child then developed seizure that aborted spontaneously. There was drooling of saliva and urinary continence. Child was intubated for airway protection. The blood pressure was 105/64mmHg and pulse rate was 80 bpm. Child was admitted to Paediatrics ICU. Scope was done and there was intestinal edema. Subsequently child was extubated and discharged well. The detergent was acidic and the vomitus which fell onto the brother's shirt made a 'hole' through it.

### **Discussion:**

Many detergent poisoning can cause symptoms that affect many part of the body systems such as blood, gastrointestinal system, heart and skin. Caustic detergent ingestion remains a significant health hazard among children. This case highlight immediate oesophageal and gastrointestinal involvement which became edematous from the effect of the detergent.

### **Conclusion:**

This case highlights the danger of placing detergents or poison in drinking bottle. Children tend to be attracted to colourful drinks and the sequelae can be bad as shown in this case.

**Keywords: Detergent Ingestion, Household detergent, poisoning, emergency and intensive management, gastrointestinal system.**