



**Service Priorities and Programmes**  
**Electronic Presentations**

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**Chemical safety enhance program in Haematology unit: tips for the emergency management when chemicals strayed into the human body**

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**Introduction**

Chemical safety is one of the concerns in occupational safety. Cause of that, Hospital Authority provided instructions to all hospital to make precaution for the hazards to all staffs, such as setting up guidelines of use of personal equipment regular self-inspection checklist, chemical spillage, storage of chemicals, and so on. But besides on these, how to manage the chemical incident and provide appropriate first aid to reduce the hazard also are the most importance parts on chemical safety.

**Objectives**

In our unit, the Occupational Safety and Health (OSH) team conducted an enhance program to reduce the chemical hazard to our staffs.

**Methodology**

The program included: reduce unnecessary chemical item storage, placed the chemical items in the standard chemical storage tank, Material Safety Data Sheet keeps in the unit, spillage kits keep in unit and provided the staff training with record regularly. Beyond that, our OSH team designed the "Tips for the emergency management when chemicals strayed into the human body", in case the incidence occurred and harmed to staffs or patient, staffs may find ways to immediately manage it to reduce the potential hazards. Depends on the storage of chemical items in our unit, three kinds of tips was conducted: Common chemical, cytotoxic drugs, and liquid nitrogen. And the content of those trips included the emergency management of the potential harm such as swallowed, contact to skin and eye, inhalation, and how to call assist. All the staffs such as nurses healthcare assistance, transportation staffs required to read those tips and notified them where the trips was place - base on the high risk areas to place the trips. To ensure they had the ability to manage the incident and provide appropriate first aid when the incidence occurred. Those trips will modifications depends on the storage of the chemical substance in unit.

**Result**

After providing this information to staffs, they have more confidence when they need to manage such incidents The chemical safety enhance program in our unit was still implementing, hopefully the program may achieve our purpose - nip in the bud.