

	TITLE: FUMIGATION PROTOCOL	REV NO. 0	GRH TC- 18/2010
		DATE: 01.07.2010	
	PATIENT CARE AND TREATMENT PROTOCOLS	Page 1 of 1	

FUMIGATION OF THE OPERATION THEATRE/DENTAL ROOM/CASUALTY/ICU/NICU ARE AS FOLLOWS.

Formaldehyde vapours which are used for fumigation are extremely toxic, thus caution must be exercised during fumigation and handling of this chemical. This is the reason that after the use of Formaldehyde a neutralization procedure must follow to ensure that the toxicity of this chemical is reduced. Formaldehyde is used in the preservation of human remains. It can pickle the human body! Bear this in mind whilst working with Formaldehyde!

Method adopted in Gan Regional Hospital is a modification of the electric boiler Fumigation Method

For each cubic metre of volume of the room, 20 ml Formaldehyde (40% solution) added in 20ml of water is placed in a kidney tray in the centre of the room.

The kidney tray is placed beside the vent of a fan to promote dispersal. Ensure that the fan is switched on after the personnel leave the room.

Contact time required is 6 hours.

Example (GRH)

Operation Theatre Volume = $L \times B \times H = 180$ cubic metres

Formaldehyde required for fumigation = 20 ml for 1 cubic metre

= So 3600 ml of formaldehyde required

All apparatus such as boils, suction, table, cautery, focus lights, A/C units, exhaust fans should be cleaned completely as per the manufacturer instructions.

Operation theatre should be cleaned and fumigated once a month periodically.