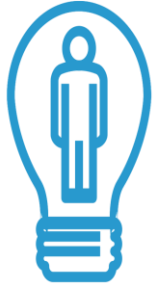


Introduction in Respiratory Protection Program (RPP)

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- 1 Program idea
- 2 The purpose and importance of the program
- 3 The targeted category of the program
- 4 Program elements
- 5 Evaluation method
- 6 Follow-up method for the application of the program



Program Idea

The **Respiratory Protection Program (RPP)** was designed by the **General Directorate of Infection Prevention and Control in Healthcare Facilities (GDIPC)** at the ministry of health (MOH).

It was created and developed the **Respiratory Protection Program** to confine various infectious respiratory illnesses.



The Purpose and Importance of the Program

- ✓ to provide **effective protection** from respiratory risks and to ensure that all employees, patients and visitors are protected from respiratory hazards through the adoption of a systematic approach that incorporates the four major elements with relevant sub-elements.
- ✓ those elements and sub-elements are activities already present in different infection control branches

The Targeted category of the Program



The program aims to provide protection from the risks of respiratory infection for **all health workers (HCWs), patients, and visitors** in all healthcare facilities. It is implemented and supervised by infection control practitioners in hospitals, health clusters, health directorate, and the general directorate of Infection prevention and control in healthcare facilities (GDIPC).

Program Elements:

Prevention of respiratory hazards through administrative controls.

Early identification of respiratory hazards.

Prevention of respiratory hazards through engineering controls.

Prevention of respiratory hazards through respiratory protection equipments (RPE).

Program Elements and Sub-elements

1- Prevention of Respiratory Hazards Through Administrative Controls:



Development of the RPP
and assigning roles &
responsibilities



Discussing RPP activities
in the infection
prevention and control
regular committee



Development of RPP policies
and procedures



**RPP monitoring and
evaluation**



**Providing education and training in
healthcare facilities**

2- Early Identification of Respiratory Hazards :



Performing a
respiratory hazards
evaluation



Early identification
of patients with
infectious respiratory
illnesses



Early recognition
and source control of
patients with
infectious respiratory
illnesses



Transportation of
suspected/
confirmed infectious
respiratory illnesses
cases



Collection
and handling of
respiratory specimens

3- Prevention of Respiratory Hazards Through Engineering Controls:

Availability and Functioning of Airborne Infection Isolation Rooms (AIIRs)

Availability and Functioning of Portable HEPA Filters

Availability and Functioning of Laboratory Biological Safety Hoods

4- Prevention of Respiratory Hazards Through Respiratory Protection Equipment (RPE):



Availability of RPE including Face Mask, respirator and PAPR machines.



Fit testing is provided to all healthcare workers.



respiratory protection program in healthcare facilities is evaluated using respiratory protection program auditing tool.




auditing tool should be used by RPP coordinator in the hospital as self assessment.



auditing tool could be used by RPP coordinator in the health directorate or cluster to evaluate the RPP in hospitals.

Evaluation Method

Respiratory Protection Program Auditing Tool

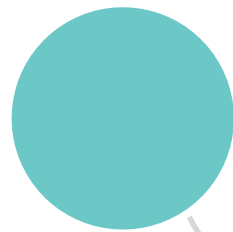
	Respiratory protection program Audit 2022
Region	
Name of Hospital	
Hospital Coordinator: Name	
Hospital Coordinator: Mobile #:	
Hospital Coordinator: Email:	

	#	Standard	Weight	Activities	Score	Score %	
Standard	1	Prevention of Respiratory Hazards Through Administrative Controls				0%	
Sub-Standard	1.1	There is a written respiratory protection program which including well constructed program's roles and responsibilities.	High	D		0%	
	1.2	RPP policies and procedures are based on current scientific knowledge, approved MOH guideline, referenced practices and regulations	High	D		0%	
	1.3	Discussing RPP activities in the Infection Prevention & Control Regular Committee	Critical	D			
	1.5	There is a respiratory protection education and training program to improve the knowledge and the competencies of(HCWs, patients, families)	Medium	D	SI	0%	
	1.6	There is a special clinic for employees' health that provides pre-employment counseling and screening, immunization, post exposure management, and work restriction.	High	O	SI	0%	
	1.7	The immune status of newly hired staff against acquiring or transmitting respiratory diseases including COVID-19, influenza, measles, mumps, rubella, pertussis, and varicella are determined by documented vaccination, serological evidence of immunity, documented clinical / laboratory evidence of disease with life long immunity). Appropriate vaccines must be administered to those who are susceptible.	High	D	MR	SI	0%
	1.8	The influenza vaccine is administered annually to targeted HCWs or as per MOH recommendations.	High	D	MR	SI	0%
	1.9	Newly hired staff are screened for tuberculosis upon contracting with Purified Protein Derivative based Tuberculin Skin Test (PPD-based TST). The test is repeated annually for those who are non-reactive and PPD-based TST conversion rates are monitored and calculated.	High	D	MR	SI	0%
	1.10	There is an implemented system for reporting, follow up and management of exposure to open pulmonary TB, MERS-CoV, Chicken pox, measles, mumps, and rubella.	Critical	D	MR	SI	0%
	1.11	The employee health clinic team regularly monitors different types of staff exposure and accordingly recommends corrective actions to prevent recurrence.	High	D	SI	O	0%
	1.12	Updated medical records (or copies) are available for all personnel of supportive services (i.e., kitchen, laundry, housekeeping, waste management ...etc.)	Medium	D	O	PF	0%
	1.13	The screening, immunization, and post exposure management data are kept in staff medical records.	High	D	O		0%

Follow-up Method for the Application of the Program

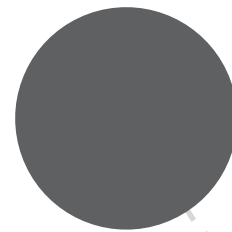
1

RPP should be followed up by revision of the auditing tool reports.



2

action plan with time table is another method to evaluate RPP in hospital



3

the only and the most important aim of RPP is to improve the hospital activities regarding protection of the Patients, visitors and employees from the risk of exposure to infectious respiratory hazards.



Thank You