



Department of Medical Education Khyber Medical College Peshawar

1

No. DME/495/KMC/20

Dated: 16/9/20

Policy for Hepatitis B virus screening and vaccination of all healthcare workers and students in Khyber Medical College, Peshawar

Introduction

Timely identification and screening of HBV infection can prevent a person from developing the infection and its complication. As medical students and healthcare professionals are at risk of acquiring HBV infection, their identification and screening is of paramount importance to prevent them from getting infected and prevent others being infected if the worker is already infected. KMC is pursuing the policy adopted by WHO and CDC for screening and prevention of HBV about healthcare workers. Details of these are given below:

Policy and procedures for screening and vaccination for HBV infection

The following steps will be adopted for the above-mentioned purpose;

- 1) All students will be checked for HBsAg at the time of induction in year-1
- 2) All employees will be checked for HBsAg at the time of induction in KMC and at one years' intervals later on.
- 3) Unvaccinated healthcare personnel and students, and / or those who cannot document previous vaccination should receive a full dose of Engerix-B at 0, 1 and 6 months.
- 4) For healthcare personnel who are working in the laboratories where there are chances of exposure to blood and body fluids should be tested for anti-HBs antibodies on dose 3 of Engerix-B or at any time later if already vaccinated. if the antibodies level is at least 10 mIU/ml or more (positive), the person is considered immune and no further serological testing or vaccination is recommended. Healthcare personnel who cannot

- 5) attain an adequate antibody response upon vaccination should be counselled for taking extreme care while handling blood and body fluids and should be advised further testing or abstinence and even change of profession.
- 6) Post-exposure prophylaxis of unvaccinated students and healthcare personnel need to follow the protocol advised by CDC by using the recommended doses of Hepatitis B immunoglobulins and vaccination.
- 7) HBsAg status of students and healthcare workers will be kept confidential and will not be available to others for use in research and publication purposes.

This policy is intended to be implemented in both KMC and KTH.

Dr. Farooq Ahmed _____
Director Medical Education, KMC

Prof. Dr. Muhammad Tahir _____
Chairman department of Pathology, KMC

Prof. Dr. Mahmud Aurangzeb _____
Dean, MTI, KMC / KTH