Title: **Screening health-workers in Mansoura University Hospitals and identifying victims of needle stick injuries among them proceeded by awareness to medical students of Mansoura Faculty of Medicine for the different types of hepatitis (A, B, C).**

Background

Hepatitis A, B, and C have been encroaching into Egypt's cities in the recent years. Thus, appropriate preventive measures should be taken into consideration.

Aim(s)/Objective(s):

Clinical level- Knowing all health-workers who have been struck by needle stick injury in the year 2015 in Mansoura University Hospitals and whether they received proper vaccination for Hepatitis B: 140 health-workers were involved. Later, a general awareness talk is done to ensure they are updated on management of possible hepatitis B affliction.

Academical level: Awareness has been done to medical students and healthcare workers on 3 major hepatitis in Egypt A,B,and C with a total of 903 surveyors.

Method

Clinical level: A survey is given to a health-worker where we ensure confidentiality if struck by a needle and then we aware them of hepatitis B.

Academic Level: A pre-survey is given to a medical student/health worker assessing his/her knowledge of hepatitis A,B, and C. A general talk targeting certain basic info needed to be known by students and clinicians is then given. A post survey is then given to assess the talk and if it added any of the target's knowledge.

Results

53% of 140 health-workers got injured by a needle stick in the past 12 months only. 68% injured due to individual carelessness besides 81% didn't file incident report. Out of 140, 90 were not vaccinated for Hep B and 96 didn't receive training in prevention or treatment of needle stick injury. Out of 903 surveyors for general info on Hep, 40 % answered all questions right in the pre-survey and 90 % answered them right on the post-survey.

Discussion, and/or Conclusion :

More focus is needed to be put on informing health-workers and medical students on how to prevent needle stick injury, and they in general need to be aware of the common types of hepatitis here.

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