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Investigation and Analysis of Macao Citizen's Cognizance on Infectious Disease

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Abstract

【Objective】 This research is using the questionnaire to understand the cognitive state of communicable diseases in Macau residents, such as the knowledge of the communicable diseases department in government, the risk factors that lead the communicable diseases to increase, the consciousness of crisis in suffering communicable diseases. We also want to synthesize the most valid ways to publicize and make some ideas about preventing the communicable diseases.

【Method】 We collected the questionnaire from the permanent Macau resident, the non-permanent Macau resident and the imported laborer (6553 residents). By using One-way Anova, we analyze the different state of communicable diseases among their age, sex, living area and education level with the software of SPSS 13.0. And by using the correlations, we also analyze the relationship between the education level and the other items, such as personal hygiene, environment hygiene and the preventive measures.

【Result】 There are 1387 residents with the best cognitive state(Level A). And we have 706 residents in Level B, 51 residents in Level C, 46 residents in Level D. About 10.77% residents realize the communicable diseases department, the isolated communicable disease ward and the necessary to isolate the communicable disease patients. In the differentiation of communicable diseases, 89% residents know flu. 60% residents know AIDS, tuberculosis and varicella. Just very little part knows about hydrophobia, hepatitis, syphilis, gonorrhoea, hand-foot-mouth disease and bacterial food poisoning. In the factor of education level, all of them think environment and personal hygiene is important. Their consciousness of crisis in suffering communicable diseases is not high enough. And they are always doing exercise. In different group of age, all of them think communicable diseases can be prevented. And the most important is environment and personal hygiene. There is obvious variation in whether isolated communicable disease ward is in Macau from different living areas. 75.77 % residents feel general pleasure to their own living environment hygiene. 41.78% residents think their living areas are not green enough. 50.89% residents are satisfied to the disposal of the rubbish. In the pet feeders, 60.3% of them have their pets injected the vaccines. With the higher education level, their consciousness of crisis in suffering communicable diseases is better. And the research shows that the most valid ways to publicize are television, newspaper and booklets.

【Conclusion】 Macau residents do not get enough knowledge about the kinds and the ways of communicable diseases. They should be enhanced the propaganda of public health, including the hygiene of living environment, personal hygiene and vaccine injected. And they should be enhanced the consciousness of crisis in preventing to suffer communicable diseases. Television, newspaper and booklets are the most acceptable propaganda for the Macau residents. We believe that the break out of communicable diseases can be less by improving all of the above.

【Keywords】 Macau resident cognitive state of communicable diseases questionnaire