Research Methods of the Health Sciences

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The first concept is about the implementation of different learning and assessments to prevent child maltreatment. The Child welfare system deals with the quantitative and qualitative analysis of different behaviors, case studies and the application of analytical approaches in order to understand and then provide consultations to address the matter. This is a very important topic and can help the researcher and health workers come up with possible solutions to overcome the physical and mental abuse inflicted on children. According to the World Health Organization (WHO), almost a quarter of the adults were physically abused when they were children (Child maltreatment, 2016). The causes of a child suffering from this maltreatment may include medical abuse, neglect, emotional and sexual abuse. These kinds of abuses have a lot of severe consequences. The consequences of maltreatment can be depression, obesity, involvement in smoking and drug addiction (Staff, n.d.). To prevent the children from such suffering, children must be educated and by the visits of the nurse to the parents to provide support and information. Special programs for children must be conducted to teach them how they should respond in such situations.

The second concept is about the use of different methods to study chronic illness. The topic is very essential for a medical student for future prospects as a student will have to deal with the issues frequently. There are several qualitative and quantitative methods used by the doctors in order to identify the reason for illness. Epidemiology is a branch that deals with the distribution and possible control of the diseases and many other aspects related to health (Epidemiology, Treatment, and Prevention of Human T-Cell Leukemia). It contains many methods of assessment that involve the detailed analysis of the tests from the samples of the patient. Comparing the results from the tests to that of the symptoms is a way that helps the doctors and health officers to determine what kind of illness is inflicted on the patient. After identification, there are several treatments available that are particular to the disease.

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