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**STATUS OF HEALTH RELATED ENVIRONMENT AT CHATTOGRAM CITY AREA**

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Roll No.: 0119/14

Registration No.: 741

Session: 2019-2020 (January-June)

**A thesis submitted in the partial fulfillment of the requirements for the degree of Master of Public Health**

**One Health Institute**

**Chattogram Veterinary and Animal Sciences University**

**Chattogram-4225, Bangladesh**

**June 2021**

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**This is to certify that we have examined the above Master’s thesis and have found that is complete and satisfactory in all respects, and that all revisions required by the thesis examination committee have been made**

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**Abstract**

A healthy city is not defined as achieving a particular health status. According to World Health Organization, healthy city is mainly being conscious of maintaining health and striving to improve it. Healthy city approach focuses on facilitating community-based health-improving strategies. Any city can turn into a healthy city by improving the environment of the surroundings, community resources and people's health. Chattogram is the city of southeastern part of Bangladesh where an overwhelming number of people faces many health issues like worm infections, tuberculosis, hepatitis, etc. Moreover, people suffer from many health issues due to lack of proper health knowledge, poor sanitary practices, unstructured health system, etc. So, we need to apply the healthy city strategic plan to transform Chattogram cities into healthy cities, for this it is required to identify the community's health resources, health determinants and barriers. Therefore, this paper aims to assess the role of World Health Organization's healthy city model in improving public health and the environment in Chattogram City Corporation. Also, this paper aims to present the current health status and environmental condition of Chattogram City Corporation. This quantitative study attempts to analyze the structural relationship between the Healthy city program and citizens’ happiness index measuring quality of life of the people of Chattogram. The results shows that, about 64% of people suffer from acute disease, 16% have a chronic illness, and only 20% have no disease. Besides, many people are still living in unhygienic environment such as wet areas, polluted air, sound pollution and insufficient light which has become a matter of concern. The Healthy City program intends to identify citizens’ health problems and systematically analyze the causes and factors of the problems in order to create a city plan and implement a new health policy. The study generated evidence that could be useful in formulating policies and interventions that address modifiable factors to improve physical, mental, social and environmental conditions to achieve improved health and wellbeing for the people in Chattogram.

**Keywords:** WHO Healthy city, Happiness index, quality of life, environment, health promotion, socio-economic condition, medical services.