Short Communication

Social Science Research on Infectious Diseases of Poverty

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Abstract:
World Health Organization (WHO) says since the 1970s, few new infectious diseases have almost quadrupled in developing countries. As per the WHO estimation, around 1.3 billion poor people across the globe are directly suffering from poverty-related infectious diseases including Malaria, Diarrhoea, HIV, Tuberculosis, Dengue, etc. Deprivation, poverty, lack of quality medical care, social exclusion, etc lead to poverty-related infectious diseases. The major aim of the study is to shed light on the significance of social sciences research on infectious diseases of poverty. This paper is based on a review of various literature and other valid sources. The study indicates the connection between infectious diseases and poverty is dynamic and multifaceted. Underserved, marginalized, and socially excluded groups are mainly at greater risk due to their sub-optimal socio-economic status and unscientific health care behavior. Hence, social research on infectious diseases of poverty is needed for the hour. This paper concludes that the conversions of social research into needy health policies and a better concentration on the ground requirement in resource-poor settings are essential. Urgent ground research is required to reveal how poverty is shaped and reshaped, in different cultural settings, and structurally persistent causing different fatal diseases among the most excluded communities.

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Introduction:

Infectious diseases caused by poverty are a major concern in all developing countries. A variety of infectious diseases afflicting the poorest people are caused by changing social, economic, ecological, cultural, and demographic factors. Because of their disadvantaged background, these poor people are unable to obtain critical, effective, and high-quality medications on time and at a reasonable cost. Poverty, inequality, deprivation, compro-mised immune systems, health disparity, poor health resources, catastrophic expenditure, social exclusion, and vulnerability are frequently identified as major risk factors for infectious disease transmission leading to early mortality and morbidity among the poor. 3 The World Health Organization (WHO) has identified a number of poverty-related diseases, including Dengue Rabies, Trachoma, Leprosy, Malaria, Leishmaniosisis, Cysticercoids, Lymphatic Filariasis (Elephantiasis), and other parasitic diseases. 3 It has also been found that various infectious diseases can cause disability and stigma causing further poverty. 2 This is why people have 'pharmacopeia of their own for certain common such diseases in prismatic societies.'

What do statistics say? Poverty and related health issues are estimated to kill approximately 14 million people worldwide each year and the three primary poverty-related diseases are tuberculosis, HIV, and malaria, which account for 18% of diseases in poor countries worldwide. 4 For example, simple Diarrhoea kills approximately 1.83 million children each year, with the poorest countries accounting for the majority of...
Approximately 1.5 million children die each year for simple reasons such as Diarrhoea and Pneumonia because poor people are unable to afford proper and timely treatment. Every year, nearly 1.8 million under-five children die in India, with more than half of them dying within the first 28 days due to Diarrhoea, Malnutrition, and other causes, in rural and tribal settings. Further, every year, approximately 20,000 people die as a result of Malaria, and approximately 35,000 people died as a result of tuberculosis in India. Also, approximately 325 people die as a result of Dengue, 325 people die as a result of Chicken gunny, and 23-30 people die as a result of Fascioliasis. In India, approximately 120-130 people die each year as a result of Echinococcosis (ICMR, 2017). Next, approximately 100-120 people die as a result of Cysticercoids, and approximately 20,000 people die as a result of Rabbis every year (WHO, 2009).

According to the report, approximately 102.4 million people in India suffer from Hookworm disease, and 222.2 million suffer from Ascariasis (ICMR, 2017). It has also been found that approximately 1.8 million people in India suffer from Trachoma and approximately 13,530 people suffer from Visceral leishmaniasis (ICMR, 2017). The fact that some-time this number is almost and always underestimated. The most heart breaking news is that the majority of these people are from the lower income group, and these deaths mostly occurred among youth during their peak productive years, and such a burden would normally be underestimated12,13. All these issues are showing a need for an urgent study on poverty and infectious diseases around the globe.

Finally, social researches on infectious diseases of poverty are in the infant stage in India/South Asia. The relationship between poverty and disease is dynamic and multidimensional. Hence, multidisciplinary studies involving medical anthropologists, public health experts, psychologists, and community medicine expert's identify-of-fact solution to reduce or eradicate poverty-related infectious diseases. We need more action cum diagnostic studies to improve the enrolment of participants from the resources poor settings, which in turn improves infectious disease control programmes. Also, geographical, and cultural-specific health policies with low health cost insurances will be useful in controlling infectious diseases of poverty. Moreover, we need to improve the socio-economic status of the excluded sections in a war foot manner. More medical literature is also needed on the health status of the neglected sections of society.

References:


Reports: