

Editorial

Characteristics of Diseases in Developing Countries

Snur Othman*



Scientific Affairs Department, Smart Health Tower, Madam Mitterrand Street, Sulaymaniyah, Iraq * Corresponding author: snurothmamns@gmail.com (S. Othman). Doctor City, Building 11, Apartment 50, Zip code: 46001, Sulaymaniyah, Iraq



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In the urgent realm of global health, it is imperative to acknowledge and promptly address the distinct characteristics of diseases that afflict developing countries. These nations face a unique set of challenges that contribute to the burden of illness and significantly impact the quality of life for their populations. By promptly exploring the key features of diseases in developing countries, we can better understand the complex interplay between socioeconomic factors and health outcomes [1].

One of the primary characteristics of diseases in developing countries is their disproportionate impact on vulnerable populations. Socio-economic disparities, limited access to healthcare, inadequate sanitation infrastructure, and poor nutrition contribute to the heightened susceptibility of marginalized communities to preventable infectious diseases such as hydatid cysts, malaria, tuberculosis, and diarrheal illnesses. The lack of resources and infrastructure further exacerbates the spread of these diseases, creating a cycle of sickness and poverty [2,3].

Furthermore, the prevalence of neglected tropical diseases (NTDs) is a defining feature of the disease landscape in developing countries. These illnesses, which include dengue fever, Chagas disease, and schistosomiasis, predominantly affect populations in lowresource settings and often go unnoticed on the global health agenda. The burden of NTDs is compounded by limited funding for research and treatment, leaving affected communities without adequate support and interventions [4].

In addition to infectious diseases, non-communicable diseases (NCDs) are on the rise in developing countries, posing a dual burden of illness alongside contagious diseases. Factors such as urbanization, lifestyle changes, and an aging population contribute to the increasing prevalence of conditions like cardiovascular diseases, diabetes, and cancer. The inadequate healthcare infrastructure in many developing countries further hinders NCDs' prevention, diagnosis, and management, leading to poorer health outcomes for those affected [5].

Addressing the characteristics of diseases in developing countries requires a multifaceted approach that encompasses strengthening the healthcare system, investing in public health infrastructure, and, most importantly, providing equitable access to essential medicines. By ensuring fair access to these medicines, we can work towards achieving health equity and reducing the burden of disease in developing countries.

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References

Beveridge, Massev MD, FRCSC, DTM&H1; Howard, Andrew MSc, MD, FRCSC2. The Burden of Orthopaedic Disease in Developing Countries. The Journal of Bone & Joint Surgery 86(8):p 1819-1822, doi:10.2106/00004623-200408000-00029

- 2. Boutayeb, A. (2010). The Impact of Infectious Diseases on the Development of Africa. Handbook of Disease Burdens and Quality of Life Measures, 1171-1188. doi:10.1007/978-0-387-78665-0_66
- Salih A. M., Kakamad F. H., Salih R. Q., Rahim H. M., Habibullah I. J., Hassan H. A., et al. Hydatid cyst of the thigh: A case report with literature review. International Journal of Surgery Case Reports. 2017; 51, 8-10. doi:10.1016/j.ijscr.2018.08.007
- Fenwick, A. (2012). The global burden of neglected tropical diseases. Public Health, 126(3), 233-236. doi:10.1016/j.puhe.2011.11.015
- Akter F, Haque M, Kalemeera F, Kurdi A, Godman B. Key issues surrounding the management of non-communicable diseases including the management of diabetes post COVID-19 among developing countries with a specific focus on Bangladesh. J App Pharm Sci, 2021; 11(12); 2021: i-v. doi:10.7324/JAPS.2021.11012ed