

A Survey on the Emerging Primary Chronic Disease and Its Determinants in Hail Region Kingdom of Saudi Arabia: A Retrospective Study

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ABSTRACT

It has been estimated that future generations may live shorter due to a rise in chronic diseases such as lower respiratory disease, obesity, cancer, cardiovascular disease (CVD), diabetes, and stroke. This research aims to determine the emergence of the primary chronic disease and its determinants specifically in Hail region, Saudi Arabia. The researchers employed retrospective-correlational approach conducted at the government subsidized hospitals. Data were collected from year 2017-2021. Results showed that the top five chronic diseases in the Hail region includes; diabetes mellitus (DM), pneumonia, hypertension, chronic obstructive diseases (COPD), and cardiovascular diseases. The age ($t = -0.8748$; $p < 0.001$), the civil status ($t = 2.3123$; $P > 0.000$), and gender ($t = 2.5121$; $p > 0.000$) have significant association to chronic diseases. The result of the current study implicates that addressing the variables that put individuals at risk for developing chronic diseases requires the participation of diverse sectors.

Keywords: Chronic diseases, Emerging, Determinants, Retrospective, Saudi Arabia

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