

Investigating Prevalence and distribution, of vitamin D deficiency in , the men and women of Langerud city

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The situation of each region, depends on climatic, and geographic conditions which governs on that area . Geographic factors, water, air, soil, and existing conditions in different latitudes, had a role in creating this situation, in any part of the planet, . and As a consequence, good or bad soil, clean, or contaminated air, and clean, or foul waters, influence on our lives, . and Health, prevalence , and distribution of each of them, depended to the climatic conditions of the region, . This is what was followed in medical geography. Medical geography, which is a branch of geography, investigates the reasons and causes of diseases, in their environmental situation . and it is Such as a bridge between the environment and the reason of publication and distribution of disease. Langerud coastal city, located in Gilan province, because of proximity, to the Alborz mountain , on most days of year, has a cloudy state . gathering of clouds, reduces the number of sunny days in per year, and as a result Langerud province, and city, , don't have a sufficient sunshine. Also The plains of this region, multiplied its current state, . Lack of adequate sun causes a lack of vitamin D in the body, which create many diseases . Therefore, residents of Langerud, due to the climatic conditions, suffer lack of this vitamin, which rooted in the region's climatic conditions, . in this thesis We tried which done by descriptive, analytical and laboratory method benefit medical geography. And investigate the consequences of climate condition on Langerud's residents . The results of 000/10 laboratory sample, and 50 people 5 Langerud region, which their plasma levels of vitamin D 25-hydroxy, was determined and collected with ELISA, method , in the period of 94-1393, showed that the prevalence of vitamin D deficiency was increased. This level of this deficiency, was different in men and women, and its scattering was different in areas of city .

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