

عنوان مقاله:

The incidence of Minor β -thalassemia among Individuals participated in Premarital Screening Program in Ardabil province: North-west of Iran

محل انتشار:

دوازدهمین همایش تازه های علوم بهداشتی کشور (سال: 1398)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Afshin Fathi - Assistant prof in pediatrics. Ardabil university of medical science. Ardabil. Iran

Firouz Amani - Associate prof in biostatistics. Department of Pediatrics, Ardabil university of medical science. Ardabil. Iran

خلاصه مقاله:

Background and Aim: The most effective way to prevent thalassemia is to screen for the disease at the population level and then to evaluate the molecularity of individuals. Considering the importance of minor β -thalassemia and its high prevalence in societies, the aim of this study was to investigate the prevalence of minor β -thalassemia in Individuals Referred to Genetic Laboratories in Ardabil province based RBC indices. **Methods:** This descriptive cross-sectional study was conducted on 39620 individuals participated in the national screening program for Minor β -Thalassemia. Of them 1925 cases had mean corpuscular volume (MCV) < 80 in one person or couple which referred to HbA2 concentration check. **Results:** Of all 1925 cases, 95 cases (4.93%) had HbA2 > 3.5 and defined as Minor β -Thalassemia. The total incidence of minor β -thalassemia among all participated people was 2.4%. Of thalassemia cases 48.4% were women and 51.6% were men. Of all β -thalassemia cases, 49.5% live in Ardabil city and rest of them live in other cities. **Conclusion:** Results showed that the prevalence of minor β -thalassemia in Ardabil province was lower than country average rate and a study should be done in future for exact estimation of the disease

کلمات کلیدی:

Minor β -Thalassemia, Screening, MCH, MCV, Ardabil

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/935810>

