

## عنوان مقاله:

Epidemiology study of malaria in Larestan during ۲۰۰۱-۲۰۱۱

## محل انتشار:

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## خلاصه مقاله:

**Introduction:** Malaria is one of the most prevalent parasitic diseases in tropical and subtropical regions of the world. In all provinces of Iran except Sistan and Baluchestan, Hormozgan and the tropical parts of Kerman, malaria is under control. However, due to favorable conditions, the possibility of incidence in parts of the country still exists. So Disease surveillance and epidemiological study is necessary to control the disease. The aim of this study was to investigate malaria in Larestan during ۲۰۰۱-۲۰۱۱. **Methods:** This study was a cross-sectional-descriptive study. Use of patient records was conducted during ۲۰۰۱-۲۰۱۱ at the Larestan Center for Disease. Demographic and clinical characteristics of patients extract from the recorded documents and descriptive statistics (frequency and percentage frequency) and surveillance indicators ABER, SPR, API were calculated. For data analysis and calculation of indicators SPSS ۱۶ and Excel ۲۰۰۷ software were used. **Results:** ۶۲۳ cases were recorded. ۸۷.۵% was men, and ۶.۹% was Iranian. ۸۹.۴% suffering vivax, ۷.۴% falciparum and ۳.۲% was mixed. In addition, from an epidemiological point of view ۵۲.۵% were introduced cases, ۴۵.۹% were relapse cases, ۱.۶% were Indigenous cases, and none of them from local communication. ۲ deaths were reported in ۲۰۰۱ and ۲۰۰۲. ABER index was ۴.۱ in ۲۰۰۹ compare to ۱.۸ in ۲۰۰۵. SPR index was ۲.۷ in ۲۰۰۱ compare to ۰.۰۵ for ۲۰۱۰, and API index was ۹۵ per thousand in ۲۰۰۲ compare to ۱.۲۸ in ۲۰۱۱. SPR and API indices have regular decreasing. **Conclusion:** Results showed a regular decreasing trend in the incidence of malaria in Larestan. If this trend and surveillance continue in the future, malaria will not be a health problem for Larestan in future.

## کلمات کلیدی:

Epidemiology, Malaria, Vivax, Falciparum, Epidemiology, Malaria, Vivax, Falciparum

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1912534>

