

## عنوان مقاله:

Prevalence of serological Toxoplasma infection in pregnant women referred to a medical diagnostic laboratory in Rasht, North of Iran

## محل انتشار:

سومین کنگره بین المللی چالش های بالینی در مامائی، زنان و نازائی (سال: 1398)

تعداد صفحات اصل مقاله: 1

## نویسندگان:

Shiva Zeinali - Student research committee, Urmia University of Medical Sciences, Urmia, IRAN

Rasool Jafari - Department of Parasitology and Mycology, School of Medicine, Urmia University of Medical Sciences, Urmia, Iran

## خلاصه مقاله:

Background and Aim : Toxoplasma gondii is a widespread intracellular parasite that causes mild infection in humans and domestic animals. Toxoplasmosis can be severe in immunocompromised patients or if transmitted congenitally to the fetus. Pregnant mothers who are infected with toxoplasmosis are at risk of miscarriage or stillbirth. The aim of the present study was to determine the prevalence of Toxoplasma infection among pregnant women referred to a Medical Laboratory in Rasht, North of Iran. Methods : In this retrospective study, 525 women from September 2016 to October 2019 who had been referred to a Clinical Laboratory in Rasht were studied. Anti-Toxoplasma IgG, IgM tests have been performed using automated chemiluminescence immunoassay method. Results : Of the 525 studied patients 210 (40%) were pregnant. Out of 210 pregnant women, 145 (69%) and 65 (31%) were anti-Toxoplasma IgG positive and negative, respectively. Furthermore, 13 (6.2%) pregnant women were IgM positive and all IgM positive patients were also positive for the IgG. Conclusion : Infection rate with Toxoplasma gondii is notably high in Rasht in Caspian Sea basin, especially when we compare it with other regions of the country; however, the IgG positivity is not a risk for newly pregnant women, however the even low frequency of IgM positivity cannot be ignored.

## کلمات کلیدی:

Immunoglobulin G, Immunoglobulin M, Pregnant women, Toxoplasma, Iran

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/988173>

