Seroprevalence of parvovirus B 14 infection in patients with beta thalassemia major in Fayoum University Hospital

Abstract

Results: Anti-B \ IgM antibodies (recent infection) were detected in \ \ .0% (\ patients), while anti B \ IgM antibodies (prior infection) were detected in \ \ \ .7% (\ patients), while anti B \ IgM antibodies (prior infection) were detected in \ \ \ .7% (\ patients), \ patients) of transfusion dependent thalassemic patients. There was a significant statistical correlation between the history of other siblings with beta thalassemia major, the hepatitis C virus and hepatitis B virus infection regarding absent, prior and recent infection. Conclusion: Parvovirus B \ IgM infection is detected in high rates among children with beta thalassemia major. Measures to avoid iatrogenic and nosocomial transmission have to be implemented including screening of donated blood for B \ IgM especially blood given to patients with hematological disorders.