

## Prevalence of Thalassemia in and Around Mumbai District Maharashtra

Avinash Chalke, Rashmita Nevgi, Bhakti Karde, Sarang Waghmare

Mrs. Rashmita Nevgi, Laboratory Technician, Clinical Hematology, T.N Medical College and B.Y.L. Ch Hospital, Mumbai- 400008 Email: [raswaigster@gmail.com](mailto:raswaigster@gmail.com)

### Abstract

**Background :** Thalassemia is a heterogeneous group of disorders resulting from abnormalities of globin chain synthesis. Which in turn results in abnormal hemoglobin synthesis. Thalassemia minor screening would help to reduce the thalassemia major cases.

**Methods:** The present study includes a total number of 287 patients in and around Mumbai District, Maharashtra, during the period from August 2021 to February 2022. **Results:** This original article showed a prevalence of thalassemia to be around 6.2% in the total number of admitted patients in the pediatric ward. Maximum students presented with anemia, few showed thrombotic complications, and very few presented with bony deformities associated with osteoporosis. **Conclusion** The outcome for patients in the form of blood transfusion and drug therapy is much better and the life pattern of the patient is more comfortable. More emphasis should be given to health education in society the result of consanguineous marriages and how to prevent disease from occurring in the community.