

Report on consultancy in connection with thalassemia awareness and screening program organized by Department of Biochemistry in association with IQAC and Health Care Unit of Asutosh College

Date: 9th November, 2022

Providers of consultancy:

- Hematology Department, Nil Ratan Sircar Medical College and Hospital, Kolkata
- Dr. Soumya Mukherjee, MBBS, MD, DM (Clinical Haematology), Consultant Haematologist and Haemato oncologist, Ruby General Hospital, Kolkata
- Dr. Tuphan Kanti Dolai, MD (Medicine), DNB (Medicine), DM, Professor and Head, Department of Haematology, Nilratan Sircar Medical College and Hospital, Kolkata

Recipients: Existing students of all semester of Asutosh College from various departments

Brief discussion about the activity:

The Department of Biochemistry organized the one-day thalassemia awareness and screening program in coordination with NRS Medical College and Hospital, Kolkata. The program was divided into two parts: (a) seminar lectures on thalassemia and (b) blood testing for screening of thalassemia. The seminar lectures were delivered by Dr. Soumya Mukherjee, Consultant Hematologist and Hemato Oncologist, Ruby General Hospital and Dr. Tupahn Kanti Dolai, Professor & Head, Hematology, NRS Medical College & Hospital, Kolkata. The lectures focused on the description of causes of thalassemia, the global and national statistics of prevalence of the disease, the types of thalassemia, the signs and symptoms of the disease, the role of genetics towards the disease manifestation and the treatments. The main target of these two lectures was to aware the audience about the prevention of the disease. The only way to do this is to have blood testing to know whether the individual is normal or a carrier of the disease.

The counseling for thalassemia screening was done by Dr. Dolai himself and the screening was done by a medical team of five members from the haematology department of NRS Medical College & Hospital, Kolkata. The participants were from the students from the different departments of Asutosh College, Kolkata. The reports were generated by 24th November and collected by the department of Biochemistry and distributed to the students. Total 57 students participated in the screening programme whereas 3 of them were detected to be carrier of the disease i.e. 5.26% of the total population tested. Those three were counseled for testing of their siblings for thalassemia also and they were also informed that they must go for testing for the same for their spouses before they get married.

Photo Gallery:



