

BEST PRACTICE - I:

NAME: THALLASSAEMIA ERADICATION CENTRE

OBJECTIVE: Thalassaemia is one of the most serious diseases which may cause serious effects on human life. A thalassaemia carrier, when married to another may lead to the birth of a thalassaemia affected individual.

Understanding the seriousness of the issue, the college thought it wise to detect thalassaemia carriers at the college free of cost for the students and staff and at a nominal cost for outsiders. Thus, the college approached the MPLAD for required funds and finally with the joint assistance from MPLAD and Barrackpore Municipality the college initiated the job of Thalassaemia carrier detection with the help of HPLC machine

THE CONTEXT

Detection of thalassaemia at college level with the help of HPLC is perhaps the very first initiative in the state of West Bengal. Initially this practice of thalassaemia detection was made compulsory but considering certain social hindrances, it was carried out only for the interested students and staff. However, the college made regular initiatives hold seminars and talks to get people more and more aware about the need for thalassaemia awareness and thalassaemia carrier detection and to have a safer life for all.

Thus, with a view to help the society at large and to **create awareness about thalassaemia and its eradication**, Barrackpore Rastraguru Surendranath College came up with a plan to set up a *Thalassaemia Eradication Centre* in its college way back in 2008.

THE PRACTICE

With the noble objective, of making the society Thalassaemia free the college purchased and installed a Variant Hemoglobin Testing System (220V) on **29.4.2008**. The total cost of the said machine amounted to **Rs. 12,37,600**.

Soon after the installation of the machine (HPLC), the college authorities informed all stakeholders about the low cost thalassaemia detection / testing facilities at the college. However, primarily the level of interest was less. So, the authorities decided to make the testing partially mandatory for the students. Thereafter, the college also collected samples from outside locations in order to extend the low cost testing benefits to the larger society.

This initiative on one hand helps college going students to gain idea about thalassaemia detection, eradication, thalassaemia carriers etc. and they in turn spread the message to the greater society. Thus, we aimed at creating a thalassaemia free world in our own way.

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

Primarily, the concept of Thalassaemia eradication was not common among the incumbents. Many students initially resisted being tested and feared the process. When the process was made mandatory, then few even reacted negatively. However, gradually they were motivated to get involved in the process.

Another problem that we faced with the HPLC machine was that during a certain point of time was that the testing kit for the old HPLC machine was no longer available. To counter this a new version of the Machine (Variant Beta Thalassaemia – BIO-RAD) was purchased.

EVIDENCE OF SUCCESS

Till date **total samples tested through this machine is 12,570 with the help of the old version of the machine and 35 with the help of the newer version of the machine, procured recently.** This mainly includes samples of college students. However, apart from college students, Thalassaemia detection tests were also carried out at **Barrackpore Girls High School, Mathpara Girls School, Kakinara Arya School, Nona Chandanpukur & Shyamnagar.**

BEST PRACTICE - II:

NAME: ISO 45001:2018 CERTIFICATION

OBJECTIVE: The principal objective of the ISO 45001:2018 certification is to ensure the occupational health and safety of workers and visitors in the workplace. It aims at minimizing workplace accidents and to mitigate any factors that can cause irreparable harm to employees & business.

THE CONTEXT: The certification is the world's international standard for occupational health and safety, issued to protect employees from work - related accidents and diseases. It provides new impetus towards occupational health and safety practices in the institutions. Our institution has always attached utmost importance to health and safety measures extended towards its staff and students.

THE PRACTICE: Prior to the outbreak of Covid – 19 pandemics, the institution has received UQSR Certificate ISO 45001-2018 from UQSR Global Pvt. Ltd (Formerly known as Universal Quality Assurance Registrar). This certification relates to the occupational health safety of the staff and the students of the College. The institution has continued with its emergency administrative work with a skeletal staff comprising of very few teachers and support staff. Majority of the teachers have remained indoors teaching the students through our own digital platform through which classes are held on online mode.

Other details regarding the certification include:

Certificate No: UQSR-2818-BRSC

Original issue date: 23.06.2022

Current issue date: 23.06.2022

Expiry date: 22.06.2023

Recertification due date: 22.06.2025

IAF Code: 37

Issue No: 01

PROBLEMS ENCOUNTERED & RESOURCES REQUIRED: The institution has exhibited uniqueness in management of the unprecedented crisis wrought by the Covid-19 pandemic. In order to maintain the requirements of the ISO 14001-2018 certification, the institution has

Purchased 30 automatic hand Sanitizing machines carried out periodic sanitization of the college campus and used surface sanitizers and sprays on regular basis to protect the staff and the students, who are visiting the campus occasionally, from the deadly virus.

Further, wearing of masks has been made mandatory in the college campus.

EVIDENCE OF SUCCESS: Since certification, all staffs have followed all workplace safety measures with utmost care and there has been absolute adherence to Covid protocol. No workplace accidents or adverse health or safety issue has been reported till date.