



Hepatitis and Anemia Screening Program

for

students of Mercy Education Complex

(A residential orphanage for 500 students)

All students of Mercy Education Complex (The orphanage) were screened for Hepatitis B and C. Blood complete examination and Blood group was also done for all of them. Class 9th and 10th Students who are in prep leave for exams shall however be screened after when they come back to school inshaAllah.

Result of 425 students' showed that only three students were positive for HBsAg, They were further investigated including ALT and Ultrasound abdomen which were normal. We hope to arrange vaccination for all HBsAg Negative students.

Thirty one students had Anemia with Low Hemoglobin. Their absolute values show that all have Iron deficiency anemia. As per medical advice oral Iron therapy has been started for these children. All have been given medications for intestinal worms which is a common problem in these areas. Some data is given below for your information.

Group	Total	Positive	Negative
A	121	112	9
AB	38	34	4
B	145	131	14
O	121	110	11
	425	387	38

Anemia was most common in early classes and younger students. Only 4 of 31 anemic students were more than 10 years age in class 6th and above and all the rest i.e. 27 were in class 5th and below. Their lowest Hb % was 8.9 and average 10.9 Gm%. (Range 8.9 to 11.9). While mean Hb in rest of the students was 14.0 (Range 12 to 18.9).

These students are being followed and further evaluated by a child specialist.

Some pictures of this activity are given below for your information.

Hepatitis and Anemia Screening Program at Mercy Education



Preparing for Blood Sampling



Students within for their turn



Ready for giving Blood Sample



Analyzing Blood Samples



Some students of prep and class 1 with Nursing staff