



HOLY CROSS COLLEGE

ACCREDITED BY NAAC WITH 'A+' GRADE (CYCLE:2)

Tripura University Reg. Code: 17

Jubatara, P.O. Lembucherra, Tripura West Pin-799210

Phone: 0381-2915930, +91 9402315672

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Web: www.holycrosscollege.in

"Educating hearts and minds"

DEPARTMENT OF HUMAN PHYSIOLOGY

No. F.7/HCC/HP/2023/02

Date: 20.04.2023

To
The Medical Superintendent
IGM Hospital, Agartala



Respected Madam,

With humble regards, I, would like to inform you that, Ms. Songjukta Datta, 3rd Year student of Department of Human Physiology, Holy Cross College, Agartala, is intended to do some project work under the supervision of Dr. Gautam Debbarma, Head of the Department of Medicine, IGM Hospital, Agartala. Her proposed project work is "To study the association between high blood sugar with other physiological abnormalities among the diabetic patients". In connection with this we are seeking your kind permission so that she can do her project work in the Medicine department as a part of our "students' internship programme" for the period of 15 days, in 1st week of May, 2023.

May I request your kind permission to do the aforesaid training in your reputed department. I hope you will grant us the permission to do the same.

Yours faithfully-

Susmita Saha
20/04/2023

Dr. Susmita Saha
Project Guide
Human Physiology
Holy Cross College, Agartala

Forwarded by-

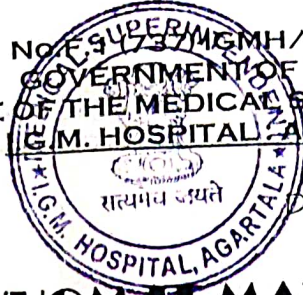
R. Imji
25/04/2023

Principal,
Holy Cross College, Agartala

PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA

Copy to-

1. Dr. Gautam Debbarma, HoD, Department of Medicine, IGM Hospital, Agartala
2. Vice Principal & Administrator for information.
3. Academic Coordinator for information.
4. IQAC for record.



Dated, Agartala the...20.../05/2023

TO WHOM IT MAY CONCERN

This is to certify that Miss SONGJUKTA DATTA, student of 6th Semester, Department of Human Physiology, Holy Cross College, Agartala has completed her survey work " TO STUDY THE ASSOCIATION BETWEEN HIGH BLOOD SUGAR & OTHER PHYSIOLOGICAL ABNORMALITIES AMONG THE DIABETES PATIENTS" under Dr. Goutam Debbarma, HOD Medicine, IGM Hospital, Agartala for 15 days w.e.f 01-05-2023. During the survey work her performance was satisfactory.

Miss Datta, is very sincere, active and energetic.

Wish him/her every success in life.

30/5/23
(Dr. Sharmila Sarkar)
MEDICAL SUPERINTENDENT,
I.G.M. HOSPITAL, AGARTALA

Medical Superintendent
I.G.M. Hospital, Agartala.

30/5/23
HEAD OF DEPARTMENT
MEDICINE DEPARTMENT
I.G.M. HOSPITAL, AGARTALA

Head
Department of Medicine
I.G.M. Hospital, Agartala.



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Report on Students Internship Programme, 2023

The planning of Internship Project work entitled, "To Study the Association Between High Blood Sugar with other Physiological Abnormalities among the Diabetic Patients" was initiated in the 2nd week of April, 2023. This internship project was performed at I.G.M. Hospital in Agartala, under the oversight of Dr. Goutam Debbarma, the Head of the Medicine Department at IGM Hospital in Agartala, Tripura. Next, an intended questionnaire was developed with a primary emphasis on the project's objectives, aiming to gather comprehensive data from the patients.

Internship trainee, arrived to I.G.M Hospital Medicine O.P.D at 9:15 am on 1st May, 2023 and accordingly introduced herself to Medicine O.P.D. physicians within 30 minutes. They greeted her but requested for authorization letter. After showing approval from M.S., I.G.M. Hospital and H.O.D. of Medicine, trainee started working. But after one hour, met 2 diabetic patients, only. Afterwards, trainee left the doctor's room to find diabetic patients with authorization. However, the first day was too challenging. Patients refused and asked several questions. However, she worked till 2 pm and consulted with 14 diabetic patients despite these challenges. Thereafter, searched diabetic patients daily in the queue at Medicine O.P.D. upto 2 pm. She introduced herself as a college student and politely seek their help for the project work. In this way, she had interacted 200 diabetic patients within a span of 15 days.

Based on the analysis of survey data, it has been shown that within a sample of 200 individuals diagnosed with diabetes, a subset of 20 patients only exhibit elevated blood sugar levels without any concurrent problems. However, 35 diabetic patients found with high blood pressure; 26 with high blood pressure and lipid profile; 25 diabetic patients with high blood pressure and neuropathy; 14 diabetic patients with neuropathy; 13 diabetic patients with altered lipid profile; 12 diabetic patients with high blood pressure, lipid profile and neuropathy ; 9 diabetic patients with high blood pressure and fatty liver, 6 diabetic patients with fatty liver, 5 diabetic patients with high blood pressure, neuropathy and nephropathy, 5 diabetic patients with high blood pressure, fatty liver and neuropathy, 4 diabetic patients with high blood pressure, lipid profile and nephropathy, 4 diabetic patients with high blood pressure, lipid profile, neuropathy and nephropathy, 4 diabetic patients with high blood pressure and nephropathy, 3 diabetic patients with high blood pressure, lipid



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profile and fatty liver, 3 diabetic patients with lipid profile and fatty liver ; only 2 diabetic patients with lipid profile and neuropathy, 2 diabetic patients with high blood pressure, lipid profile, fatty liver and nephropathy ; 1 diabetic patients with lipid profile, fatty liver and nephropathy, 1 diabetic patients with lipid profile, neuropathy and nephropathy, 1 diabetic patients with fatty liver and nephropathy, 1 diabetic patients with fatty liver and neuropathy, 1 diabetic patients with nephropathy, 1 diabetic patients with lipid profile and nephropathy, 1 diabetic patients with high blood pressure, lipid profile, fatty liver and neuropathy, 1 diabetic patients with high blood pressure, lipid profile, fatty liver, neuropathy and nephropathy. After, taking consideration of all these data, then percentage (%) of prevalence in respect to diseases were represented graphically. These graphical representation shows that, 10% diabetic patients with no complications, 68 % diabetic patients with high blood pressure, 37 % diabetic patients with altered lipid profile, 19 % diabetic patients with fatty liver, 36.5 % diabetic patients with neuropathy, 12.5 % diabetic patients with nephropathy.

In this concluding statement, I would like to express my gratitude and appreciation to Father Dr. Benny K. John, CSC, Principal of Holy Cross College, Agartala, and Madam Dr. Susmita Saha, Head of the Department of Human Physiology at Holy Cross College Agartala, for your indispensable direction and encouragement throughout my academic journey. I would like to express my gratitude to Dr. Sharmila Sarkar, M.S., of I.G.M. Hospital in Agartala, for granting me permission to conduct the survey. I would like to express my sincere gratitude to Sir Dr. Goutam Debbarma, M.D., H.O.D. of the Department of Medicine, I.G.M. Hospital Agartala, for his invaluable assistance and unwavering support during my survey work. I am grateful to my parents for their valuable guidance and consistent provision of spiritual and active support throughout my journey. Most importantly, this training program has helped me enhance my social interaction skills, which will assist me effectively in my future endeavors. Interviewing the hospital's outdoor patients was a great chance to get insight into what obstacles individuals are facing regularly.



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GPS Map Camera



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Handwritten signature
04/03/2023
HEAD
Department of Human Physiology,
HOLY CROSS COLLEGE, AGARTALA