

**Department of Haematology and Bone Marrow Transplant Unit
Dhaka Medical College & Hospital, Dhaka**

Date: December 28, 2024

1. Organogram

In-Patient Department (IPD)	Out-patient Department (OPD)	Laboratory service
<p><u>A. In-Patient bed</u></p> <p>i. HDU- Male-4, Female-4</p> <p>ii. General ward- Male-20, Female-16</p> <p>iii. BMT Cabin- Currently non-functioning due to infra structure damage</p> <p><u>B. Number of Units and of Faculties</u></p> <p>Unit I - 2 Unit II - 2 Unit III - 2 Unit IV - 2</p>	<p><u>A. Routine OPD</u></p> <p>i. General Haematology ii. BMT OPD iii. Haemophilia OPD</p> <p><u>B. Day care service</u></p> <p><u>C. Specialised OPD clinic</u></p> <p>i. Lymphoma & Myeloma clinic- Saturday ii. Thalassaemia clinic- Wednesday iii. Haemophilia Clinic- Thursday iv. Leukaemia clinic- Thursday</p>	<p><u>A. General Haematology</u></p> <p><u>B. Coagulation</u></p> <p><u>C. Flow cytometry</u></p> <p><u>D. Electrophoresis-</u> i) Haemoglobin & ii) Serum Protein</p>

List of faculties

- i. Prof. Dr. Akhil Ranjon Biswas
MBBS, FCPS (Haematology)
IHTC Fellow (CMC, Vellore)
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- ii. Dr. Mohammad Manirul Islam
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- iii. Dr. Humayra Nazneen
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iv. Dr. Mafruha Akter
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v. Dr. Moshammat Naznin Begum
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vi. Dr. Nahid Sultana
MBBS, FCPS (Haematology), MD (Haematology)
Assistant Professor , Dept. of Haematology

vii. Dr. Mohammad Wasim
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Assistant Professor , Dept. of Haematology
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viii. Dr. Md. Nurul Farhad
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Assistant Professor , Dept. of Haematology
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2. Departmental Academic/ Clinical activity schedule

Academic Activity	Clinical Activity
A. <u>Course & training</u> <ul style="list-style-type: none">a. MD (Haematology) Residency courseb. MD (Haematology) non-residency coursec. FCPS training affiliation for Haematologyd. Placement of MD, Mphil, Diploma, FCPS students from other departments (Pathology, Microbiology, Virology, Transfusion)	<ul style="list-style-type: none">A. In patient serviceB. Daily routine out patient serviceC. Daily day care serviceD. Weekly specialised clinic<ul style="list-style-type: none">i. Lymphoma & Myeloma- Saturdayii. Thalassemia clinic- Wednesdayiii. Haemophilia Clinic- Mondayiv. Leukaemia clinic- Thursday

<p>medicine, Internal medicine)</p> <p>B. <u>Class schedule</u></p> <p>a. Clinical class- every Saturday, Monday & Wednesday</p> <p>b. Weekly morning session for case discussion & Journal presentation- Every Tuesday</p> <p>c. Daily llab review by faculties</p>	
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3. Departmental Research Activities

A. Ongoing research activities

SI no.	Title	Principal investigator	Guide	Co-guide
1	Time delay between bleeding manifestation and confirm diagnosis of patients with haemophilia	Prof. Dr. Akhil Ranjon Biswas (recently completed)		
2	Efficacy of Eltrombopag & Prednisolone versus Prednisolone monotherapy in newly diagnosed Immune Thrombocytopenia- A Randomized Controlled Trial	Dr. Md. Manirul Islam		
3	Comparison of low dose Emicizumab & low dose Factor VIII as a prophylaxis in Haemophilia A patients- A randomized controlled trial	Prof. Dr. Akhil Ranjon Biswas		
4	Molecular Response to Generic Imatinib at Six Months in CML Patients.	Dr. Sejuti Humayra	Waiting for publication	
5	Red cell and platelet parameters among post covid-19 patients in the tertiary care hospital, a cross sectional study.	Dr. Mahbuba Sharmin Linia	Waiting for publication	
6	Type and frequency of thiopurine S-methyltransferase (TPMT) genotype amongst acute lymphoblastic leukaemia patients in a tertiary care hospital	Dr. Zakaria Hossain	Waiting for publication	
7	Additional chromosomal abnormalities in Philadelphia positive chronic myeloid leukemia patients.	Dr. Golam Kibria	Waiting for publication	
8	Response to dexamethasone &	Dr. Moudud	Waiting for publication	

	eltrombopeg in steroid refractory or relapse adult ITP patients	Ahmed		
9	Molecular profiling of adult acute myeloid leukemia other than APL by NGS in a tertiary care Hospital in Bangladesh	Dr. Tamim Mahmud	Prof. Akhil Ranjon	Dr. Mohammad Wasim
10	Feasibility of outpatient follow up of HiDAC in AML patient	Dr. Md, Foyes Ullah	Waiting for publication	
11	Quality of life in haemophilia patients attending in haemophilia clinic at DMCH	Dr. Afrina Islam Tushil	Prof. Dr. Akhil Ranjon Biswas	Dr. Humayra Nazneen
12	Patterns of TLS in acute leukaemia and lymphoma in a tertiary care hospital	Dr. Sadia Sara Dyuti	Prof. Dr. Akhil Ranjon Biswas	Dr. Mohammad Wasim
13	Association between platelet count & bleeding phenotype in acute leukaemia	Dr. Tahmina Akter	Prof. Dr. Akhil Ranjon Biswas	Dr. Mohammad Wasim
14	Karyotyping pattern in acute leukaemia patients	Dr. Nadia Kabir	Prof. Dr. Akhil Ranjon Biswas	Dr. Mohammad Wasim
15	Organisms isolated as cause of infection in patient with haematological malignancy and their sensitivity pattern in tertiary care hospital	Dr. Fatema-Tuz-Johora	Prof. Dr. Akhil Ranjon Biswas	Dr. Mohammad Wasim
16	CRP and Procalcitonin as a marker of bacterial infection in febrile patients with haematological malignancy in a tertiary care hospital	Dr. Sheikh Mohammad Kawser	Prof. Dr. Akhil Ranjon Biswas	Dr. Md. Manirul Islam

B. Research publications in this year

Title	Name of journal	Volume
Effectiveness of emicizumab in preventing bleeding events in severe and moderate hemophilia A: A single-center experience in Bangladesh	eJHaem	2024 Jan 9;5 (1): 39-46.doi:
Functional evaluation of joint moderate to severe hemophilia patients treated with on demand factor replacement: insights from a single hemophilia treatment center in Bangladesh	The Egyptian Journal of Internal Medicine	(2024) 36:94

4. **Department Achievement** – Not applicable

5. **Any research grant with source:**

Research Title: Time delay between bleeding manifestation and confirm diagnosis of patients with haemophilia.

Principal Investigator: Prof. Dr. Akhil Ranjon Biswas, Professor & Head, Dept. of Haematology & BMT Unit.

Funded by: WFH World Bleeding Disorders Registry.

Prof. Dr. Akhil Ranjon Biswas

Professor & Head

Dept. of Haematology & BMT

Dhaka Medical College