



DHAKA MEDICAL COLLEGE

Quality Assurance Activities



Annual Report 2013 - 2014

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DHAKA MEDICAL COLLEGE, DHAKA

Quality Assurance Activities

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FOREWORD

The annual report of Quality Assurance Activity of 2013-2014 of Dhaka Medical College, Dhaka, Bangladesh is published with sincere effort made by faculty members. The preparation of an accepted and standard report containing whole year activities is a painstaking job. I am very much grateful to all the members concerned for their great effort for ultimate success.

This report will be an invaluable one if it is properly evaluated by every corner and putting suggestion or addition to different chapter. It is the reflection of whole year activities of the oldest, largest or in my opinion the best of the best medical colleges of the country. The information that it contains will be encouraging for stakeholders at home and abroad.

I hope this book has reflected the activities of Dhaka Medical College and will eventually increase the interest of others to know more about this institution and to be a partner in future.



Professor Dr. Md. Ismail Khan
Principal and Chairman, MEU
Dhaka Medical College, Dhaka.
Bangladesh.

FOREWORD

The annual report of Quality Assurance Activity of Dhaka Medical College, Dhaka, Bangladesh for the year 2013-2014 has been prepared to maintain the quality assurance program of the institute. I am happy to express my gratitude to all departments of Dhaka Medical College.

To maintain a standard in medical education an annual report is undoubtedly very important. It is an audit of a medical institution by assessment of structural and functional environments and effectiveness of the actions taken from time to time to achieve institutional objectives. Our aims to prepare this annual report are to review, assessment and development of the activities of the curriculum and the professional development of all faculty members. This will no doubt enhance quality assurance process to facilitate attaining institutional objectives. As a largest tertiary care hospital, this institution has always provided great service to the people of the country.

Supporting staffs, teachers of the college are not sufficient enough to meet up the present demand and work load to run undergraduate and postgraduate courses. We are trying to establish collaborative activities with other institutions both home and abroad in academic and research activities. Our aim is to develop future basic clinical researchers from young students. Dhaka Medical College aspires to produce medical professionals having excellent knowledge and wisdom with a high quality of professionalism and leadership qualities to serve at the national and international level.

I must express my heartfelt thanks to the Academic Coordinator of the College for her tremendous effort for preparing this annual report 2013-14 of Dhaka Medical College.



Dr. Md. Shafiqul Alam Chowdhury

Vice Principal

Dhaka Medical College, Dhaka.

Bangladesh

EXECUTIVE SUMMARY

Dhaka Medical College (DMC) was established in 1946. It was the first medical college of the then British regimen. Over the last 68 years the college which had been started with 50 MBBS students is now turned into a complete institute. The medical college is running with 42 postgraduate courses in different disciplines. There are over 1000 undergraduate and 1000 postgraduate students of different disciplines are studying in DMC. There are also around 700 students are getting training in different disciplines. At present 197 national merit best students plus 25 or more foreign students, are admitted each year. Addition of post graduate courses makes the institute very busy in all dimensions with some advantages and disadvantages.

Moreover, multiple sub-specialty subjects are running their outpatient departments and inpatient wards with post graduate courses.

However, there are lots of new problems which should be minimized and solved with utmost attention and sincerity.

ACHIEVEMENT:

1. All activities of different phases worked satisfactorily.
2. Continuous participation of the students of all phases was being held according to curriculum.
3. Institutional Review Committee (IRC) has been formed by academic council. RRC and ERC are functioning under IRC.
4. Undergraduate & postgraduate classes were held regularly according to academic calendar.
5. Classes throughout the year were held regularly without significant interference.
6. Professional examinations were held in scheduled time.
7. In every professional examination 3-5 students came out in the merit list occupancy.
8. Integrated teaching of final year students has been a regular program throughout the year.
9. Regular clinico-pathological seminars were held according to weekly schedule.
10. Regular seminars on medical education held in MEU according to monthly schedule.
11. FCPS Medicine Part-II course has been started in July 2010.
12. Journal of teachers association DMC is being published regularly from 2010 after a long pause.
13. New teachers' association body has been formed and their academic activities are noteworthy.
14. Extra academic activities by students & teachers held for maintaining healthy educational environment of the campus.

15. Logistic for teaching learning like, multimedia, laptop, photocopier have been provided to many departments and the present status is much better than the previous year.
16. In an overall Quality Assurance Scheme (QAS) activities ran very smoothly.

LIMITATIONS:

1. Supporting staffs of the college at present are not sufficient enough to meet up the present demand and work load.
2. Post of teachers in internal medicine and many other sub-specialty subjects have been created without proportionate supporting staff and space.
3. Space for teaching learning exercise, training and assessment is inadequate in clinical and preclinical areas.
4. In the clinical side evening classes are not properly held and monitored.
5. Shortage of tutorial class rooms hampered some academic activities.

RECOMMENDATIONS:

1. The most time demanding events like Good Clinical Practice (GCP) and Standard Operation Procedure (SOP) not held yet. We recommend for such.
2. Exposure of the postgraduate trainee doctors to research methodology should be held in the institute at least twice in a year. Research Methodology course may be conducted & supervised by Community Medicine Department and MEU.
3. Supporting staffs (computer operators and personal assistant) for the professor and head of the departments in all discipline should be available for smooth running of daily administrative and other heavy work load.
4. Students should participate in small group teaching and PBL (problem based learning).
5. Specimens/Models are old and should be replaced by new ones and increased in numbers.
6. Internet facilities to the department should be provided by the college/hospital side.

I thank Principal and Vice Principal for initiating the effort. I also thank from the bottom of my heart to junior colleagues for the untiring efforts.



Prof. Iffat Ara
Academic coordinator &
Professor of Obstetrics and Gynecology
Dhaka Medical College, Dhaka.

MISSION STATEMENT

Dhaka Medical College aspires to produce medical professionals having excellent knowledge and wisdom and skills with a high quality of professionalism and leadership qualities in an enabling environment.

Dhaka Medical College has its social commitment for continuous endeavors to develop human resources in an effort to maintain the highest standard of service to the humanity and community at large, to maintain ethical and professional standards and integrity and contribute significantly to medical science through collective efforts in a goal cherished by all.

OBJECTIVES OF DHAKA MEDICAL COLLEGE

Dhaka Medical College has defined its institutional objectives as to produce doctors with adequate knowledge, skills and attitude and a strong commitment to serve humanity who:

- Are able to identify and manage health problems at individual, family and community level.
- Are aware of social values and trends and traditions.
- Are able to communicate effectively and affectionately with colleagues, community and patients irrespective of their nature of illness and social status.
- Develop the capacity for continuing professional development
- Develop and maintain integrity and highest level of ethical and professional standard.

1. Basic Information of the Dhaka Medical College :

Name of the Medical College	: Dhaka Medical College
Type of the Medical College	: Public.
Total number of teachers working at present	: 392
Teachers working part time	: None
Number of MBBS Students studying at present	: 1078 (Foreign Students - 78)
Students enrolled each year in this college (average)	: 193 (197)
Number of Post Graduate student (seat/admitted)	: 339/296
Total area of the medical college	: 85 acres
Number of Lecture theatres / gallery*	: 4
Seating capacity of students	: 250 - 275 (per gallery)
Auditorium facility	: One Auditorium

Auditorium seating capacity (Dr. Milon Auditorium)	:	879
Conference room: * One in the college	:	150
* One in the Hospital	:	100
Common room for Male & Female students	:	1 each
Provision for Cafeteria	:	One
Hostels for the male & female students	:	1 (male) & 3 (female)
Seat capacity of hostels	:	704 (male), 566 (female)
Recognition of GMC (Year)	:	present (1982)

* All Lecture Theatres / Galleries are air conditioned & provided with necessary audiovisual aids. These are organized with multimedia facility, overhead projectors and a good sound system.

2. Medical College Hospital

- Total numbers of beds in the hospital at present : 2300
- Total number of patient staying in hospital per day : 3300 (avrg)
- Bed occupancy rate : 275%
- Total number of patients at OPD in last year : 1,45,000
- No of operation theater : 32
- Total no of operation done last year (2013) Major : 19,521
- Total no of operation done last year (2013) Minor : 31,119

3. Number of students: Undergraduate (MBBS) Course in 2013

Status	Admitted
1st year (K-70)	205
2nd year (K-69)	204
3rd year (K-68)	210
4th year (K-67)	198
5th year (K-66)	190

4. No of MBBS Foreign Students (1st year to 5th year):

Year	Batch	Pak	India	Nepal	USA	Italy	Canada	Pales-tine	UK	Aus	South Africa	Malay	Sweden	Total
5th year Examinee	K-66	1	2	1	4	-	-	-	1	2	-	1	-	12
4th year	K-67	1	2	1	5	1	1	1	1	2	1	4	-	20
3rd year	K-68	1	2	2	7	-	2	-	1	-	-	15	1	31
2nd year	K-69	1	1	1	2	-	-	-	-	-	-	2	-	7
1st year	K-70	-	1	1	4	-	-	-	-	-	-	2	-	8
Grand total		4	8	6	22	1	3	1	3	4	1	24	1	78

5. Post Graduate courses: (Session January/July)

- Master of Surgery (MS) - 9
- Doctor of Medicine (MD) - 14
- FCPS Part II (Gynae-Obs, Internal Medicine) - 2
- Master of Philosophy (M Phil) - 6
- Master of Public Health (MPH) - 1
- Diploma (Dip) - 9

Total number of admitted student : Total seat-339 Admitted-296

Sl. No	Subject of Course	No of approved seat	No of students admitted
1.	MD Internal Medicine	10	10
2.	MD Neurology	10	10
3.	MD Nephrology	10	09
4.	MD Cardiology	10	10
5.	MD Radiology & Imaging	10	10
6.	MD Pediatrics	06	06
7.	MD Pathology	6	05
8.	MD Dermatology	04	04
9.	MD Anesthesiology	10	10
10.	MD Critical Care Medicine	10	09
11.	MD Gastroenterology	06	05
12.	MD Hematology	06	05
13.	MD Physical Medicine	06	06
14.	MD Forensic Medicine	06	01
15.	MS Urology	10	10
16.	MS Neurosurgery	06	06
17.	MS Ortho Surgery	10	09
18.	MS Plastic Surgery	06	06
19.	MS ENT	06	06
20.	MS General Surgery	10	10
21.	MS Pediatric Surgery	06	04
22.	MS Ophthalmology	06	04
23.	MS Gynae & Obstetrics	10	10
24.	FCPS Part II Gynae & Obstetrics	06	00
25.	FCPS Part II Internal Medicine	10	00
26.	M. Phil Anatomy	10	09
27.	M. Phil Physiology	10	10
28.	M. Phil Pharmacology	10	10
29.	M. Phil Microbiology	10	10
30.	M. Phil Biochemistry	10	10
31.	M. Phil Radiology & Imaging	06	06
32.	MPH (Community Medicine)	06	00
33.	D.G.O (Diploma in Gynae)	20	20
34.	DCH (Diploma in Child Health)	06	06
35.	D. Card(Diploma in Cardiology)	06	06

Total number of admitted student : Total seat-339 Admitted-296

Sl. No	Subject of Course	No of approved seat	No of students admitted
36.	D. A.(Diploma in Anesthesiology)	20	19
37.	D. Ortho. (Diploma in Orthopedic Surgery)	06	06
38.	DDV (Diploma in Dermatology & Venerology)	06	06
39.	DLO (Diploma in Otorhinolaryngology)	06	05
40.	DO (Diploma in Ophthalmology)	06	02
41.	DFM (Diploma in Forensic Medicine)	06	06

6. Quality Assurance Scheme (QAS):

Scheme started in the Year : 1997

Members of the Academic Council, Dhaka Medical College, Dhaka.

Sl. No.	Name of Members and Designation
01	Prof. Dr. Md. Ismail Khan Principal, Prof. and Head of the Dept. of Pharmacology.
02	Brig. Genl. (Dr.) Md. Mostafizur Rahman Director, DMCH.
03	Dr. Md. Shafiqul Alam Chowdhury Vice- Principal.
04	Prof. Shamim Ara Head of the Dept. of Anatomy.
05	Prof. Kazi Shamima Akhter Head of the Dept. of Physiology.
06	Prof. Nasima Sultana Head of the Dept. of Biochemistry.
07	Prof. Md. Habibuzzaman Chowdhury Head of the Dept. of Forensic Medicine.
08	Prof. Maliha Hussain Head of the Dept. of Pathology.
09	Prof. K.M. Shahidul Islam Head of the Dept. of Microbiology.
10	Prof. Saroj Kumar Mazumder Head of the Dept. of Community Medicine.
11	Prof. H.A.M. Nazmul Ahasan Head of the Dept. of Medicine.

Members of the Academic Council, Dhaka Medical College, Dhaka.

Sl. No.	Name of Members and Designation
12	Prof. Md. Enamul Karim Professor of Medicine.
13	Prof. Khan Abul Kalam Azad Professor of Medicine.
14	Prof. Md. Azizul Kahhar Professor of Medicine.
15	Prof. Md. Billal Alam Professor of Medicine.
16	Prof. Md. Faizul Islam Chowdhury Prof. of Medicine.
17	Prof. Mohiuddin Ahmed Khan Head of the Dept. of Hematology & BMT Unit.
18	Prof. Salma Afrose Prof. of Hematology & BMT Unit.
19	Prof. Md. Ekhlashur Rahman Head of the Dept. of Pediatrics.
20	Prof. Syeda Anwar Prof. of Child Nephrology.
21	Prof. Md. Abid Hossain Mollah Head of the Dept. of Neonatology.
22	Dr. A.K.M. Amirul Morshed Associate Prof. & Head of the Dept. of Pediatrics Hematology.
23	Prof. Chowdhury Mohammad Ali Head of the Dept. of Skin & VD.
24	Prof. Md. Abdul Wadud Chowdhury Head of the Dept. of Cardiology.
25	Prof. Mansur Habib Head of the Dept. of Neurology.
26	Prof. Shohely Rahman Head of the Dept. of Physical Medicine.
27	Prof. Dr. Md. Nizamuddin Chowdhury Head of the Dept. of Nephrology.
28	Prof. Faruque Ahmed Head of the Dept. of Gastroenterology.
29	Prof. Gazi Nazrul Islam Prof. Nuclear Medicine.

Members of the Academic Council, Dhaka Medical College, Dhaka.

Sl. No.	Name of Members and Designation
30	Prof. Md. Abul Hashem Bhuiyan Head of the Dept. of Surgery.
31	Prof. A.Z.M. Mostaque Hossain Prof. of Surgery.
32	Prof. A.B.M. Bayezid Hossain Prof. of Surgery.
33	Prof. S.M. Mahbub Alam Head of the Dept. of Urology.
34	Prof. Md. Abul Kalam Head of the Dept. of Plastic Surgery.
35	Prof. Md. Sajjad Khandokar Prof. of Plastic Surgery.
36	Prof. Rayhana Awwal Prof. of Plastic Surgery.
37	Prof. Md. Ashraf UI Huq Head of the Dept. of Pediatric Surgery.
38	Prof. Ehsan Mahmud Head of the Dept. of Neurosurgery.
39	Prof. Md. Jillur Rahman Prof. of Neurosurgery.
40	Prof. A.F. Mohiuddin Khan Head of the Dept. of E.N.T.
41	Prof. Ferdousi Islam Head of the Dept. of Obst. & Gynecology.
42	Prof. Iffat Ara Prof. of Obst. & Gynecology.
43	Prof. Salma Rouf Prof. of Obst. & Gynecology.
44	Prof. Md. Abdur Rahman Head of the Dept. of Anesthesiology.
45	Prof. Husne Ara Begum Head of the Dept. of Blood Transfusion.
46	Prof. Golam Mohiuddin Faruk Head of the Dept. of Radiotherapy.
47	Prof. M.A. Jalil Ansary Head of the Dept. of Endocrinology.

Members of the Academic Council, Dhaka Medical College, Dhaka.

Sl. No.	Name of Members and Designation
48	Prof. Dr. Md. Shamsuzzaman Head of the Dept. of Orthopedic Surgery.
49	Prof. Nilufar Sultana Prof. of Obst. & Gynecology.
50	Prof. Md. Mizanur Rahman Prof. of Radiology & Imaging.
51	Prof. Md. Noman Chowdhury Prof. of Radiology & Imaging
52	Prof. Dr. Shah Abdul Latif Prof. of Physiology.
53	Prof. Md. Abu Yusuf Fakir Prof. of E.N.T.
54	Prof. L.E. Fatmi Prof. of Pediatrics.
55	Prof. Md. Firoz Khan Prof. of Nephrology.
56	Prof. S.M. Samsuzzaman Prof. of Microbiology.
57	Prof. Abdul Hanif Prof. of Pediatric Surgery.
58	Dr. Faridul Hasan Associate Prof. & Head of the Dept. of Ophthalmology.
59	Dr. Md. Mohiuddin Ahmed Associate Prof. & Head of the Dept. of Respiratory Medicine.
60	Dr. Abdullah-Al-Mamun Associate Prof. & Head of the Dept. of Psychiatry.
61	Dr. Md. Kamrul Alam Associate Prof. & Head of the Dept. of Thoracic Surgery.
62	Dr. Md. Ruhul Amin Associate Prof. & Head of the Dept. of Maxillofacial Surgery.
63	Dr. Md. Nazmul Haque Associate Prof. of Pathology.
64	Dr. Asit Chandra Sarker Associate Prof. of Neurosurgery.
65	Dr. Monira Parveen Associate Prof. of Virology.
66	Dr. Nazneen Begum Assistant Prof. of Obst. & Gynecology.

Number of faculties of Dhaka Medical College

Sl. No.	Name of Post	Quantity
01	Professor	46
02	Associate Professor	58
03	Assistant Professor	94
04	Lecturer	75
05	Registrar	63

Ethical Review Committee (ERB) of Dhaka Medical College

1. Prof. K.M Shahidul Islam
Chairman and head, department of Microbiology, DMC.
2. Professor and head, department of Anatomy, DMC.
3. Professor and head, department of Physiology, DMC.
4. Professor and head, department of Biochemistry, DMC.
5. Professor and head, department of Community Medicine, DMC.
6. Professor and head, department of Pathology, DMC.
7. Professor and head, department of Pharmacology, DMC.
8. Professor and head, department of Forensic Medicine, DMC.
9. Professor and head, department of Medicine, DMC.
10. Professor and head, department of Nephrology, DMC.
11. Professor and head, department of Surgery, DMC.
12. Professor and head, department of Gynecology and Obstetrics, DMC.
13. Professor and head, department of Pediatrics, DMC.
14. Dr. A.N.M Abdur Rahman
Director, Islamic Foundation, Dhaka Division, Haj Camp, Ashkona, Dhaka-12.
15. Dr. Mainul Ahsan Khan
Professor, Department of Law, Dhaka University.
16. Dr. Morol Nazrul Islam
Reporter, Daily Ittefaq, Dhaka.
17. Principal, Dhaka Nursing College, DMCH, Dhaka.
18. Social Welfare Officer, Department of Social Welfare, DMCH.

7. Quality Assurance Body (QAB) of DMC

7.1 Faculty development and review committee:

Chairperson	: College Principal
Co-chairperson	: Vice-principal
Member secretary	: Academic coordinator
Members	: Phase coordinators

7.2 Academic council:

Chairperson	: College Principal
Members	: As per directives of MOH&FW Academic coordinator

7.3 Academic Coordination Committee (ACC):

Chairperson	: Academic coordinator
Members	: Phase coordinators

7.4 Phase coordination groups:

Chairperson	: Phase coordinators
Members	: Subject coordinators

Names of phase coordinators :

I	: Prof. Shamim Ara, Prof. of Anatomy.
II	: Prof. Maliha Hossain, Prof. of Pathology.
III	: Prof. HAM Nazmul Ahasan, Prof. of Medicine.
Members	: All Departmental Heads.

Name of Phase and Subject coordinators

	Responsibility	Name of Teacher	Subject
Phase I	Phase coordinator	Prof. Shamim Ara	Anatomy
	Subject coordinators	1. Dr. Shegupta Kishwara	Anatomy
		2. Prof. Nasima Sultana	Biochemistry
		3. Prof. Quazi Shamima Akhter	Physiology
		4. Dr. Minoti Adhikary	Com Medicine
Phase II	Phase coordinator	Prof. Maliha Hossain	Pathology
	Subject coordinators	Prof. Md. Ismail Khan	Pharmacology
		Dr. Minati Adhikary	Com Medicine
		Prof. K.M. Shahidul Alam	Microbiology
		Prof. Md.Habibuzzaman Chowdhury	Forensic Medicine

	Responsibility	Name of Teacher	Subject
Phase III	Phase coordinator	Prof. HAM Nazmul Ahasan	Medicine
	Subject coordinators	Prof. Md. Enamul Karim	Medicine
		Prof. M. A Hashem Bhuiyan	Surgery
		Prof. Ferdousi Islam	Gynecology
		Prof. Md. Ekhlalur Rahman	Pediatrics
		Prof. A. F. Mohiuddin	ENT
		Prof. Md. Maksudul Islam	Eye
	Dr. Minati Adhikary	Com Medicine	

8. Meetings of different committees of QAB, Dhaka Medical College:

- a) Academic council - 04
- b) With course committee Chairman - 04
- c) With academic coordination committee - 03
- d) Phase- I committee meeting - 08
- e) Phase-II committee meeting - 05
- f) Phase-III committee meeting - 07

9. Result of Professional Examination

Name of examination	Total appeared		Total Passed		Total Failed		Positions	Honors'
	Jan. 13	70	41	58.57%	29	41.43%		
1st Prof.	Jan. 13	70	41	58.57%	29	41.43%	-	-
	July. 13	224	182	81.25%	42	18.75%	1st, 2nd, 4th, 9th, 10th = 3	4
2nd Prof.	Jan. 13	54	43	79.63%	11	20.37%	4th , 7th , 8 th =3	-
	July. 13	204	153	75.00%	54	25.00%	1st, 4th, 5th, 5th, 9th, 10th, = 6	34
Final Prof.	Jan. 13	190	146	76.84%	44	23.16%	1st, 2nd, 3rd, 4th, 5th, 6th, 6th, 8th, 9th, 10th = 10	10
	July. 13	71	48	67.61%	23	32.39%	-	-

10. In Course assessment (Terms/Card final examinations)

10. a. 1st year (K-70)

Subject	Appeared	Total Passed (%)	Total Failed (%)*
Anatomy	197	182 (92.39%)	15 (7.41%)
Physiology	194	184 (94.84%)	10 (5.16%)
Biochemistry	198	187 (94.44%)	11 (5.66%)
*Com Medicine	178	78 (44%)	100 (46%)

10. b. 2nd year (K-69)

Subject	Appeared	Total Passed (%)	Total Failed (%)*
Anatomy	197	185 (93.90%)	12 (6.10%)
Physiology	198	188 (94.94%)	10 (5.06%)
Biochemistry	198	186 (93.93%)	12 (6.07%)

10. c. 3rd year (K- 68)

Subject	Appeared	Total Passed (%)	Total Failed (%)*
Pharmacology	430	394 (91.63%)	36 (8.37%)
Pathology	289	239 (82.70%)	50 (17.30%)
Microbiology	364	268 (73.63%)	96 (26.37%)
Community Medicine	215	192 (89.30%)	23 (10.70%)
Forensic Medicine	319	263 (82.45%)	56 (17.55%)
Medicine	205	195 (95.12%)	10 (4.88%)
Pediatrics	204	190 (93.14%)	14 (6.86%)
Surgery	205	199 (97%)	06 (3%)

10. d. 4th year (Final Assessment, K-67)

Subject	Appeared	Total Passed (%)	Total Failed (%)*
Pharmacology	185	178 (96.22%)	7 (3.78%)
Pathology	172	151 (88%)	21 (12%)
Microbiology	200	179 (89.5%)	21 (10.5%)
Community Medicine	134	130 (97%)	04 (3%)
Forensic Medicine	190	158 (83.15%)	32 (16.85%)
Medicine	170	150 (88.24%)	20 (11.76%)
Surgery	168	155 (92.26%)	13 (7.74%)
ENT	171	160(93.57%)	11 (6.43%)
Ophthalmology	171	158 (92.40%)	13 (7.60%)

10. e. 5th year (Final Assessment, K-66)

Subject	Appeared	Total Passed (%)	Total Failed (%)*
Medicine	180	155 (86.11%)	25 (13.89%)
Pediatrics	180	157 (87.22)	23 (12.78%)
Surgery	181	160 (88.40%)	21 (11.60%)
Gynae & Obs	183	167 (91.26%)	16 (8.74%)

*** Possible causes of failure of students mentioning the subject:**

- Irregularity in class attendance.
- Dependence on guide book.
- Political instability

11. Faculty Development and Review Scheme:

- Do you have faculty development program in your medical college/institute?

Yes

No

Specific Recommendations for Faculty Development & Review scheme:

- needs formal exercise of personal review
- regular evaluation of classes by colleague
- organized faculty development program in individual department
- allocation of sufficient fund

12. External Assessor:

- Did you appoint an external assessor? Yes

No

If your medical college/institute do not have External Assessor, Why-

i) Not yet appointed by proper authority.

13. External Examiners:

External examiners report collected-

Yes

No

- Environment of the center is cordial
 - Performance of examiners are approved as satisfactory
 - External examiners suggested for transport and accommodation facility
- These are under consideration by academic council

14. Course appraisal:

Do your medical college/institute collect student's questionnaire

Yes

No

If yes, how often do you do that-

Once in a year

15. External Review:

Was this medical college reviewed by any external review team last year?

Yes

No

16. Undergraduate Courses, Students & Results:

Summative Examination: MBBS

I. Total Number of students: 957

Year(s)	Total
1st (K-70)	205
2nd (K-69)	204
3rd (K-68)	210
4th (K-67)	198
5th (K-66)	190

III. Results of Professional Exams MBBS

Exams	Total Appeared	Total Passed (%)	Total Failed (%)
First Professional	294	223 (75.85%)	71 (24.15%)
Second Professional	258	196 (75.97%)	62 (24.03%)
Final Professional	261	193 (73.95%)	67 (26.05%)

IV. Reasons for failure

- Prerequisite for eligibility to appear in the professional exams are not strictly maintained.
- Irregular attendance in routine teaching learning sessions.
- Frequent use of note books instead of standard text books.

17 (a). In course Assessments: (Attendance, SAQ, MCQ, Oral, OSPE, OSCE)

Formative Exams: MBBS Course

I. Terms / Card / Ward Examinations

Subjects	Appeared	Pass (%)	Fail (%)
1st Year (K-70)			
Anatomy	188	164 (83%)	24 (17%)
Physiology	182	167 (95%)	12 (5%)
Biochemistry	198	193 (97%)	6 (3%)
Com Medicine	178	78 (44%)	100(56%)
2nd Year (K-69)			
Anatomy	186	176 (95%)	10 (5%)
Physiology	185	177 (96%)	08 (4%)
Biochemistry	205	204 (99%)	01 (1%)

Subjects	Appeared	Pass (%)	Fail (%)
3rd Year (K-68)			
Pharmacology	163	147(90%)	16 (10%)
Pathology	182	145 (80%)	37 (20%)
Microbiology	180	166 (92%)	14 (8%)
Community Medicine	169	105(62%)	64 (38%)
Forensic Medicine	174	149 (86%)	25 (14%)
4th Year (K-67)			
Pharmacology	163	158(97%)	5(3%)
Pathology	157	103 (66%)	54(34%)
Microbiology	160	146 (91%)	14(9%)
Community Medicine	140	91(65%)	49 (35%)
Forensic Medicine	178	171 (96%)	07 (4%)
5th Year (K-66)			
Medicine	167	132 (79%)	35 (21%)
Surgery	178	160 (90%)	18 (10%)
Gynae Obs	178	---	---

II. Reasons for failure

- a. Card incompleteness / terms
- b. Failure to attend scheduled teaching learning session
- c. Overlapping of schedule or of routine among different subjects.

17 (b). Integrated teaching for students in block posting (K-66):

Integrated teaching for the final year student held in the month of February and April on Diabetes Mellitus and Tuberculosis respectively. This is a venture which makes the students more involved and active in their medical learning. The program was executed with complete integration between students and teachers to make it more purposive and interactive. In an overall it was a successful and popular effort for interactive learning. Following students participated in the program.

Name of the presenters of Diabetes Mellitus:

- Faisal Haque Zihan
- Shariful Halim
- Farzana Akter
- Nourin Ferdous Pinki
- Musfique Raihan
- Farhana Chowdhury

Name of the presenters of Tuberculosis:

- A.N.M Nure Azam
- Sayedul Ashraf Kushal
- Aditi Saha
- Shaon Sharmin
- Rubayet Kamal Rimi
- Tanvir Hasan

18 (a). Results of Post graduate Examination: Part I

Sl. No.	Name of Course	January		July	
		App	Pass	App	Pass
1.	MD Internal Medicine	17	0	16	03
2.	MD Neurology	16	04	11	01
3.	MD Nephrology	19	03	14	02
4.	MD Cardiology	16	04	14	05
5.	MD Radiology & Imaging	13	01	10	04
6.	MD Pediatrics	07	01	08	0
7.	MD Pathology	08	0	05	01
8.	MD Dermatology	05	0	05	0
9.	MD Anesthesiology	04	0	01	0
10.	MD Critical Care Medicine	18	01	16	04
11.	MD Gastroenterology	11	02	02	01
12.	MD Hematology	08	01	06	03
13.	MD Forensic Medicine	NA	NA	NA	NA
14.	MD Physical Medicine	06	0	04	01
15.	MS Urology	17	02	14	09
16.	MS Neurosurgery	08	01	08	03
17.	MS Ortho Surgery	06	03	14	03
18.	MS Plastic Surgery	09	01	07	02
19.	MS ENT	10	0	07	03
20.	MS General Surgery	14	0	14	01
21.	MS Pediatrics Surgery	08	01	05	0
22.	MS Ophthalmology	NA	NA	NA	NA
23.	MS Gynae & Obstetric	14	0	21	05
24.	FCPS Part II (Gynae & Obstetric)	NA	NA	NA	NA

Sl. No.	Name of Course	January		July	
		App	Pass	App	Pass
25.	FCPS Part II (Medicine)	NA	NA	NA	NA
26.	M. Phil Anatomy	11	05	06	01
27.	M. Phil Physiology	10	02	07	06
28.	M. Phil Pharmacology	09	06	10	05
29.	M. Phil Microbiology	10	03	06	06
30.	M. Phil Biochemistry	11	03	07	03
31.	M. Phil Radiology & Imaging	09	04	05	03
32.	MPH (Community Medicine)	02	01	01	01
33.	D.G.O (Diploma in Gynae)	16	03	21	09
34.	DCH (Diploma in Child Health)	09	02	07	01
35.	D. Card (Diploma in Cardiology)	10	03	07	04
36.	D. A (Diploma in Anesthesiology)	15	06	09	05
37.	D.Ortho (Diploma in Orthopedic Surgery)	05	03	06	06
38.	DDV (Diploma in Dermatology & Venerology)	03	02	02	01
39.	DLO (Diploma in Otorhinolaryngology)	11	04	07	01
40.	DO (Diploma in Ophthalmology)	02	02	00	00
41.	DFM (Diploma in Forensic Medicine)	03	02	01	01

18 (b). Results of Post graduate Examination: Part II

Sl. No.	Name of Course	January		July	
		App	Pass	App	Pass
1.	MD Internal Medicine	05	00	10	03
2.	MD Neurology	10	03	08	01
3.	MD Nephrology	15	02	14	01
4.	MD Cardiology	08	03	03	00
5.	MD Radiology & Imaging	05	05	03	02
6.	MD Pediatrics	00	00	05	03
7.	MD Pathology	00	00	02	02
8.	MD Dermatology	00	0	02	00
9.	MD Anesthesiology	00	00	04	02
10.	MD Critical Care Medicine	02	01	03	00
11.	MD Gastroenterology	03	00	06	02

Sl. No.	Name of Course	January		July	
		App	Pass	App	Pass
12.	MD Hematology	NA	NA	NA	NA
13.	MD Forensic Medicine	NA	NA	NA	NA
14.	MD Physical Medicine	NA	NA	NA	NA
15.	MS Urology	15	02	13	02
16.	MS Neurosurgery	01	00	11	02
17.	MS Ortho Surgery	16	02	14	01
18.	MS Plastic Surgery	08	00	09	01
19.	MS ENT	04	02	02	02
20.	MS General Surgery	06	00	06	00
21.	MS Pediatrics Surgery	05	01	05	01
22.	MS Ophthalmology	01	01	01	01
23.	MS Gynae & Obstetric	11	01	10	01
24.	FCPS Part II (Gynae & Obstetric)	NA	NA	NA	NA
25.	FCPS Part II (Medicine)	NA	NA	NA	NA
26.	M. Phil Anatomy	05	00	09	05
27.	M. Phil Physiology	05	01	05	04
28.	M. Phil Pharmacology	08	06	00	00
29.	M. Phil Microbiology	06	04	08	03
30.	M. Phil Biochemistry	08	04	10	06
31.	M. Phil Radiology & Imaging	08	00	08	05
32.	MPH (Community Medicine)	02	01	01	01

18 (c). Results of Post graduate Examination: Part III

Sl. No.	Name of Course	January		July	
		App	Pass	App	Pass
1.	MD Internal Medicine	00	00	00	00
2.	MD Neurology	07	05	10	04
3.	MD Nephrology	01	01	00	00
4.	MD Cardiology	01	01	02	02
5.	MD Radiology & Imaging	00	00	03	03
6.	MD Pediatrics	01	01	00	00
7.	MD Pathology	00	00	02	02

18 (c). Results of Post graduate Examination: Part III

Sl. No.	Name of Course	January		July	
		App	Pass	App	Pass
8.	MD Dermatology	NA	NA	NA	NA
9.	MD Anesthesiology	03	01	01	01
10.	MD Critical Care Medicine	NA	NA	NA	NA
11.	MD Gastroenterology	NA	NA	NA	NA
12.	MD Hematology	NA	NA	NA	NA
13.	MD Forensic Medicine	NA	NA	NA	NA
14.	MD Physical Medicine	NA	NA	NA	NA
15.	MS Urology	05	03	07	04
16.	MS Neurosurgery	07	05	01	01
17.	MS Ortho Surgery	02	01	08	05
18.	MS Plastic Surgery	01	01	04	04
19.	MS ENT	01	01	04	04
20.	MS General Surgery	08	01	08	01
21.	MS Pediatrics Surgery	02	02	01	01
22.	MS Ophthalmology	01	01	00	00
23.	MS Gynae & Obstetric	03	01	09	05
24.	FCPS Part II (Gynae & Obs.)	NA	NA	NA	NA
25.	FCPS Part II (Medicine)	NA	NA	NA	NA
26.	M. Phil Anatomy	03	03	03	03
27.	M. Phil Physiology	03	02	08	06
28.	M. Phil Pharmacology	02	02	02	02
29.	M. Phil Microbiology	05	05	03	02
30.	M. Phil Biochemistry	00	00	02	01
31.	M. Phil Radiology & Imaging	03	03	00	00
32.	MPH (Community Medicine)	NA	NA	NA	NA

*NA =Not Applicable

19. Training:

a. Total number of teachers attended training:

- i. Within the country : 109
- ii. Abroad : 35

b. Name of training within the country

- i. Education science & teaching methodology : 28
- ii. Computer training : 4
- iii. Orientation on MBBS Curriculum 2002 : 06
- iv. Workshops on Clinical Updates/
Review of MBBS curriculum 2002 : 16
- v. Research Bioethics : 2

c. Name of training abroad: Fellowship

Dr. Kaniz Hasina (Sheuli)), Associate Prof., Dept. of Pediatric surgery

- Organization: Foundation for Advancement of International Medical Education and Research (FAIMER) Institute Fellowship, Philadelphia, USA

Topic: "Improving alignment of educational objectives, teaching methods and assessment in Pediatric surgery rotation"

Dr. Md. Matlebur Rahman, Assistant Professor, Community Medicine.

Topic: Hospital Management

- Organization: KPJ AMPANG PUTERI, specialist hospital, Malaysia.
MAHKOTA MEDICAL CENTER, SDN BHD (200619-H), Melaka, Malaysia.

20. Research:

Prof. Dr. Md. Ashraf Ul Huq, Professor & Head, Dept. of Pediatric Surgery

Topic: "Role of betel leaf in stomal care in children" Ministry of Science and Technology.

Name of Teacher	Organization
Dr. Titu Miah	Ministry of Science & technology
Dr. Robed Amin & Dr. Sarmistha Biswas	Bangladesh Society of Medicine

Collaborative Training Program: (Between Foreign Medical University & Dhaka Medical College.)

1. TOKYO WOMEN'S MEDICAL UNIVERSITY for exchange of postgraduate students/Faculty Members: One doctor completed 1- year training program in Neurosurgery and another one completed six - months training in Endocrinology.
2. Every year 3-post graduate students / faculty members will get the opportunity to be trained in KAGOSHIMA UNIVERSITY, JAPAN for 1-year in neuroscience department.
3. Bone-marrow transplantation unit of Dhaka Medical College run in collaboration with Massachusetts General Hospital, Boston, USA since 2013.

20. Publications:

- **College journal-** Journal of Dhaka Medical College is published regularly

21. Medical Education Unit (MEU):

- a. Available Medical Education Unit: Present
- b. Regular monthly seminar on medical education: 1st Monday of every month
- c. Suggestions for full functioning
 - i. Customization of financial and procurement for direct purchase of teaching appliances, books and journals.
 - ii. Regular faculty development training on medical education and teaching - learning.
 - iii. Continued logistics supply to the Faculty.
 - iv. Preparing list of year calendar of monthly meeting in MEU.
 - v. Regular meeting of different subcommittee of MEU.

22. Extra Curricular Activities:

1. Extracurricular activities

- a. Sports organized last year : Cricket and Football
- b. Indoor games last year : Held
- c. Cultural function last year : 21st February - International Mother Language Day and Shahid Dibosh, 26th March - Independence Day, 15th August - National Condolence Day, 16th December - Victory Day, Bengali New Year - Nobobarsha, Swareshswati Puja.
- d. Parents meeting last year : Held during induction of new batch.
- e. Interclass and Inter-college indoor and outdoor game : Held
- f. Debate at college and National Level : Champion in Chittagong Medical College Competition, Runner-up with Dhaka University in World Environment Day debate competition, Runner-up in inter-medical college competition in public health fest, also Runner-up in DCLE inter-club debate competition.
- g. Extracurricular activities affect academic activity : Exam periods coincide with the period for extracurricular activities leading to lack or partial participation by students.

2. Suggestions to improve

- i. Appropriate budgetary allocation to meet the expenses
- ii. Establishment of student union in the college.
- iii. Directive guidelines for the teachers to be involved in the various extracurricular activities to supervise monitor & encourage students.

23. Library:

1. Complete Library available : Present
2. Presence of qualified Librarian : Not available
3. Number of books/titles : 28707
4. Number of students read at a time : 60
5. Numbers of journals subscribing per year : Not available
6. AC facility : Available in reading room
7. Daily open hours : 08 AM to 11 PM
8. Separate space for teachers : Present
9. Number of books issued last year : 10000 (Approximately)
10. Photocopy facilities : Present
11. Internet facility at library : Absent

24. Updating CME/CPD:

1. Clinico-pathological seminars in 2013 : 42 (Every Sunday, 8am – 9am in Gallery -1)
2. Departmental Updating : All departments exercise
3. MEU CME : 12
4. Journal Club : Departmental & regular
5. Workshops : 10 clinical & 3 administrative
6. Seminars : 14

25(a). List of clinicopathological seminars

1. **Dept. of Pathology:** A boy of 5-years with the complaints of abdominal pain, vomiting and blood mixed stool.
2. **Dept. of Microbiology:** Multidrug resistant *Pseudomonas aeruginosa* and its effective antibiotic combination therapy.
3. **Dept. of Orthopedics:** Total hip arthroplasty in bilateral AVN of femoral head with advanced osteoarthritis of both hip joints;
4. **Dept. of Urology:** A 65-years old man with hematuria, muscle invasive urinary bladder tumor.
5. **Dept. of Radiology:** Imaging in brain trauma.
6. **Surgery unit – 1:** A case of Periampullary carcinoma;
7. **Dept. of Pediatric Hematology:** A 9-year-old girl with a swelling on her back (Primitive neuroectodermal tumor).
8. **Surgery unit – 5:** A 35-year-old lady with postoperative jaundice.
9. **Pediatric surgery unit –1:** A 8-year-old boy with fever and unconsciousness.
10. **Pediatric Surgery unit-2:** A 10-year-old boy with upper abdominal pain and abdominal distension;
11. **Pediatric Nephrology:** Nephrotic syndrome –other than minimal change.
12. **Cardiology unit-1:** A young patient with myocardial infarction.
13. **Cardiology unit-2:** A patient with head-ache and angina pectoris.
14. **Blood transfusion:** Platelet transfusion.
15. **Dept. of Neurology:** A middle aged man presented with head-ache, blurring of vision, convulsion and skin rashes.

16. **Dept. of Neonatology:** A newborn with jaundice (Rh incompatibility).
17. **Dept. of Plastic surgery:** Immediate breast reconstructions with deep inferior epigastric perforator (DIEP) flap after mastectomy.
18. **Dept. of Ophthalmology:** Fish eye syndrome – A rare eye disease.
19. **Dept. of Radiotherapy:** A 35-year-old female with visual disturbance (CNS lymphoma);
20. **Dept. of Hematology:** A 33-year-old male presented with swelling of the whole body and redness of both eyes.
21. **Dept. of Endocrinology:** A middle aged hypothyroid lady presented with thyroid hormone resistance.
22. **Dept. of Physical medicine.** A young man presented with low back pain.
23. **Dept. of Anesthesiology:** Introduction to palliative care.
24. **Dept. of ENT:** A case of nasopharyngeal angiofibroma.
25. **Dept. of Casualty:** A 32-year-old male presented with abdominal distension and per-rectal bleeding.
26. **Dept. of Psychiatry.** A young boy with expansive ideas.
27. **Gynae and Obstetrics unit-I:** A case of primary amenorrhoea.
28. **Gynae and Obstetrics unit-III.** A case of sarcomatoid squamous cell carcinoma.
29. **Gynae and Obstetrics unit-IV.** A case of adnexal mass.
30. **Medicine unit-I:** A 60-year old man presented with fever and abdominal lump.
31. **Medicine unit-II:** A 55-year old man with fever, cough and weight loss.
32. **Medicine unit- IV:** An old gentleman with generalized lymphadenopathy and hepatospleno-megally.
33. **Medicine unit-V:** Many faces of arthritis; old male with knee joint swelling.
34. **Medicine unit-IX:** A 23-year old man with hematemesis and abdominal pain.
35. **Pediatrics unit-I:** A case of Duchene Muscular Dystrophy.
36. **Pediatrics unit-II:** A case of severe acute malnutrition.
37. **Pediatrics unit-III:** A case of Galactosemia.
38. **Dept. of Nephrology:** A middle aged man presented with oliguria, generalized swelling and respiratory distress and diagnosed as acute kidney injury (AKI) on chronic kidney disease (CKD) due to Star fruit juice intoxication with hyperkalemia, hyper-tension, ischemic heart disease and dyslipidemia.
39. **Dept. of Dermatology:** A case of lupus vulgaris.
40. **Surgery unit-2:** A young man presented with a right iliac fossa mass (Diagnosis: Lymphoma).
41. **Department of gastroenterology:** A case of prolonged jaundice in a 15-year old boy.
42. **Department of Neurosurgery:** A 30-year-old male with neck pain and progressive spastic quadriparesis.

25(b). Monthly seminars held in 2013, Medical Education Unit (MEU), DMC.

Sl No.	1 st Monday of each month	Topics	Departments
01	January	Appraisal of undergraduate medical curriculum	Community medicine, Pediatric Surgery & Gastroenterology
02	February	Interactive lecture (Large group teaching)	Medicine, Pathology & Psychiatry
03	March	Evaluation of teachers	Pediatrics, Radiology & Plastic Surgery
04	April	Review of written questions (SAQ & MCQ) and scope of improvements	Forensic Medicine, Ophthalmology & Urology
05	May	Standardization of oral examination – How should it be?	Obst. & Gynecology, Biochemistry & Endocrinology
06	June	Virtual patient and simulation in medical education	Cardiology, Otolaryngology & Casualty Surgery
07	July	Effective small group teaching – Tutorial (Preclinical) – Bedside teaching (Clinical)	Physiology, Neonatology & Respiratory Medicine
08	August	Medical ethics, Communication skills & Professionalism	Pharmacology, Neurology & Physical Medicine
09	September	How to write & review a research protocol	Nephrology, Anesthesiology & Virology
10	October	Use of information technology (IT) in medical education	Microbiology, Ortho-Surgery & Hematology
11	November	Problem Based Learning	Anatomy, Surgery & Transfusion Medicine
12	December	Student teacher relationship – Improvement of academic environment	Dermatology, Neurosurgery and Radiotherapy

25(c).Continuous Medical Education (CME) organized by Teachers' Association, DMCH' 2013.

1. Dengue fever
2. Tobacco, it kills.
3. Noising induced hearing loss.

25(d). Journal club in department of medicine

1. Seminar on Tubercular Meningitis.
2. An approach to a patient with DPLD.

3. Cardio pulmonary resuscitation.
4. Atrial fibrillation update.
5. Seminar on bronchial asthma.
6. Seminar on pancreatitis.
7. Disorder of potassium balance.
8. Drug induced Vasculitis – A clinical and pathological review.
9. Autoimmune disease in pregnancy.
10. Short term intensive insulin therapy in type 2 DM.
11. Seminar on Chorea.
12. Effect of green tea and coffee on stroke.
13. Diagnosis and management of headache in young people and adults.
14. Advances in treatment of Bacterial Meningitis.
15. Third Brazilian consensus for auto antibody screening in HEP 2 cells.
16. Human infection with Avian origin Influenza virus.
17. pain management in palliative care.
18. Guideline for prevention and control of Chikungunya fever and guideline on clinical management of Chikungunya fever.
19. Guideline for the early management of patient with acute ischemic stroke.
20. Disorder in pregnancy.
21. Therapies for acute Rheumatoid arthritis after Methotrexate failure.
22. Clopidogrel with Aspirin in acute minor stroke or TIA.
23. Seminar on gout.
24. Clinical review on Multiple myeloma.
25. Diagnosis and management of chronic hepatitis B in children, young people and adults. Summary of NICE guideline.
26. COPD, diagnosis management and prevention. GOLD guideline 2013 update.
27. Management of adult patient with ascites due to cirrhosis.
28. Thrombotic thrombocytopenic purpura.
29. Non alcoholic fatty liver disease and non alcoholic steatohepatitis.
30. Clinical review on Septicemia.
31. Overlap syndrome.
32. Secondary prevention for patient after myocardial infarction – Summary of update, NICE guideline.
33. Respiratory failure, evaluation and management.
34. An effective approach to high blood pressure control.
35. Screening monitoring and treatment of stage 1 to 3 in clinical kidney disease. A clinical practice guideline from American college of Physicians.
36. An effective approach to high blood pressure control.
37. Diagnosis and management of CNS TB.

25(e). List of 'grand round' in department of medicine

1. A case of dyspnoea with anemia & vitiligo.
2. A young patient with stroke.
3. A patient with recurrent abdominal pain after cholecystectomy.
4. A young adult with fever and lower abdominal pain.
5. A young female with itching, fever and joint pain
6. An old man presented with fever & cough
7. A 42 years old woman with recurrent episodes of fever, subcutaneous nodules, anemia and jaundice.
8. A gentleman with loin pain.
9. Old aged female presenting with abdominal pain & swelling
10. A 70 years old gentleman with repeated history of blood transfusions
11. A young male presented with abnormal increase in height.
12. An elderly lady with anorexia, weight loss & generalized swelling of the body.
13. A young man with fever, joint pain, haemoptysis, oral ulcer & dysuria.
14. 36 years male presented with weight loss.
15. A young female with itching, fever and joint pain.
17. A 32 years old male with fever, anorexia & weight loss.
18. An elderly gentleman with ankylosing spondylitis refractory to conventional treatment
19. A 55 years lady with fever and pruritus.
20. A case of 26 years old man with rigidity
21. A 42 years old woman with recurrent episodes of fever, subcutaneous nodules, anemia and jaundice
22. A patient presented with left sided hemi paresis
23. A 40 years male presented with weakness and wasting of both upper limb.
24. A 60-year-old-woman with bilateral leg swelling
25. A case of PUO (fever responded to tetracycline) with anemia of chronic disorder with metabolic alkalosis & electrolyte imbalance due to? (Gitelman's syndrome.)
26. A 65-year old lady with multiple skin nodules and bilateral leg swelling.
27. A 40 years male presented with weakness and wasting of both upper limb.
28. Follow up presentation on a young male with low back pain.
29. A case of 35 years old male with gangrenous fingers.
30. A 32 year male with unconsciousness and history of splenectomy.
31. A patient with generalized weakness and hyper pigmentation.
32. A 70 years old male with abdominal pain and lump.

33. Middle aged male presenting with high grade fever & cough.
34. A 18 years old female with skin rash, oral ulcer and body swelling.
35. A 55 year old lady with fever and jaundice.
36. A 38 years old male presented with fever, cough and weight loss.
37. A diabetic lady with fever & papulopustular lesion.
38. Case review young male of 13 years with chronic hypereosinophilia.
39. A young male presented with joint pain and altered consciousness.
40. A 22years lady with pyrexia of unknown origin.
41. A patient with generalized body ache.
42. A 30-year-old pregnant lady with jaundice & itching.
43. A patient with fever & gum bleeding.
44. Middle aged man with high grade fever and cough – follow up case.
45. A young aged female presenting with multiple joint pain, fever and skin rash - follow up case.
46. A young lady with progressive weakness.
47. A 45 yrs old male with chronic pain in the both lower limb on exertion
48. A 50 years man with fever and extensive hemorrhagic rash.
49. A 48 years old male patient presented with fever, deep jaundice,oliguria.
50. A 65-year old lady with multiple skin nodules and bilateral leg swelling.
51. A young male with low back pain.
52. A 17 years old male with fever, cough, back pain and skin nodules.
53. A 38 years old male presented with cough and breathlessness.
54. An elderly man with generalized edema & hepatomegaly.
55. A old man with fever and cough.
56. A young man with back pain and heaviness of legs
57. A 37 year old male with fever and generalized body swelling
58. A 34 years old lady with sudden hemiplegia
59. A 18 year old boy with fever and respiratory distress
60. A 25 year old man with generalized weakness and abdominal pain
61. A 20 yrs old male with recurrent abdominal pain and frequent passage of loose stool.
62. A 22-years old man with generalized swelling, respiratory distress, generalized pruritus & pigmentation.
63. A 30-year old man with par paresis and pain in the chest.
64. A 50 years man with fever and extensive hemorrhagic rash.
65. A 55 years old male with recurrent episodes of unconsciousness
66. A case of dyspnoea with anemia & vitiligo.
67. A young female with itching, fever and joint pain
68. A 24 year old male with fever, confusion, chest pain & per rectal bleeding.

26. Remarkable Achievement under QAS last year:

26 (a). ENT & Head-Neck Surgery department.

Total number of admitted patients: 2017

Male .1235

Female 782

Total number of operations: 1690

Academic activities:

Academic coordinator: Under graduate and postgraduate:

Postgraduate courses are MS Otolaryngology and DLO (Diploma in Laryngo Otology).

FCPS and MCPS examination are conducted here.

Clinicopathological Seminar:

31/03/2013: Nasopharyngeal Angiofibroma.

CME: 03/06/2013

Virtual patient and simulation in Medical Education.

Clinical weekly presentation : Every Monday.

26 (b). Department of Hematology & BMT Unit.

Situated: on the 8th Floor (Hematology) & 9th Floor (BMT)

Unit:3 unit(Hematology-I & II, and BMT Unit)

Activities:

1. Academic:

- (a). Teaching and Training to undergraduate and post graduate students (MBBS, FCPS, MD, M.Phil).Morning ward Round (from 9.30 am every day)
- (b). Journal Club: weekly; every Monday (8.30 to 9.30)
- (c). Clinical Case presentation: weekly; every Wednesday.
- (d). Clinico-Pathological Presentation (Central): Weekly, every Sunday

2. Clinical:

- (a). in patient service (25 allotted beds).
- (b). Day Care service (from 9am to 2 pm).
- (c). Hematology Out patient Dept (**HOPD**); every day in 8th Floor (Room; 920), DMCH-2.
- (d). Weekly Special Clinic:
 - Saturday = Thalassemia Clinic.
 - Monday = Hemophilia Clinic.
 - Wednesday = Leukemia-Lymphoma-Myeloma Clinic.

3. Laboratory Service:

- (a). Hematology lab: (from 9 am to 5 pm)all kinds of common Hematological tests including Hb& Protein Electrophoresis, Bone marrow study,Trephine biopsy etc.
- (b). Coagulation Lab: PT, APTT, D-Dimer, Factor assay, Platelet Function test(Aggregometry).
- (c). Flowcytometry Lab.: CD34 counting and stem cell viability test, Leukemia panel.
- (d). Emergency Lab: for BMT patients.

4. Blood and Marrow Transplantation(BMT) unit: inaugurated on 20th October 2013

- (a). Apheresis: stem cells collection, exchange transfusion, plasma-pheresis.
- (b). Stem cells Laboratory: stem cell processing and cryopreservation at minus196 C.(in LN2).
- (c). High Dependency Unit (HDU): 8 bedded unit for high risk patient.
- (d). BMT special Cabin: 5 isolated cabin (with HEPA). No visitor allowed.
Upto now 3 successful autologous stem cell transplantation done (1st time in Bangladesh).

26 (c). Department of Pediatric Hematology and oncology

Pediatric Haematology and Oncology department established in 24th December 2008 by an order of Ministry of Health and Family welfare in 8 (eight) medical college of Bangladesh . Activities of this department started from 26/07/2009. Protocol based treatment of all paediatric cancer started from November 2010. Now there are 18 (eighteen) beds in ward no 210. Regular admission in cabin varies 6-10. There is a hematology lab which is well equipped with Hematology analyzer (5 parts), 2(Two) modern Carl Zei's Microscopes.

For last three years and six months, a lot of cancer patients has been treated in this department. More than twenty ALL(Acute Lymphoblastic Leukemia) pts are now on maintenance therapy, More than 12 pts of Hodgkin's disease , 8 pts with germ cell tumour, Two with NHL , 7 pts with histocytosis has completed their treatment and all are on follow up. In collaboration with world child cancer we are maintain our cancer registry online database.

Last year department took part in various academic, educational and research activities.

Total 9 (eight) student of FCPS 2nd part examinee has completed their dissertation from this department last 1(one) year, One of them has passed FCPS 2nd part.

Following thesis has been conducted by the department last yer:

Serum Copper level in children with Hb-E-Beta-thalassemia

Serum Lipid level in children with Hb-E-Beta- thalassemia

Parathyroid status in children with thalassemia

Growth and nutritional status of children with thalassemia

End systolic volume status in pts with thalassemia

Nutritional assessment and Serum Zinc concentration in leukaemic children

Efficacy of Granulocyte Colony Stimulating Factor (G-CSF) In management of neutropenia in neutropenic patients of acute lymphoblastic leukemia (ALL) and non Hodgkin's lymphoma.

Knowledge and attitude of school teachers of Dhaka city toward thalassemia.

Thyroid status of children with thalassemia

Another 8(eight) dissertation are ongoing in this department by several students. World cancer day 2013, World thalassemia day and world haemophilia day has been observed by our department. Total 6 (six) article has been published in different scientific journal of Bangladesh.

26 (d). Achievement in Pediatric surgery

1. Pediatric surgery unit 3 started their journey.
2. Pediatric surgery emergency OT also started its journey with 24-hours emergency OT facility.
3. Minimal invasive surgery.
4. A set-up for upper GI endoscopy, Colonoscopy and Bronchoscopy has been established.
5. Surgery for disorder of sexual differentiation (DSD).

26 (e). Transfusion Medicine Department.

Activities at a glance

- Donor selection- 31,8,90
- Blood grouping -2,18,106
- Blood collection- 31,8,90
- Cross matching -33,234
- Donor blood screening – 33,2,34
- Coombs test (antibody detection and titration) - 30
- Component preparation(Refrigerated centrifuge machine) -1266
 - Red cell concentrate
 - Fresh plasma
 - Platelet rich plasma
 - Fresh frozen plasma
 - Platelet concentrate
- Platelet concentrate preparation by apheresis - 05
(Started from 11. 9.2013)
- Day Care Transfusion – 742

26 (f). Physical Medicine & Rehabilitation

Physical Medicine & Rehabilitation Department of Dhaka Medical College which is largest well equipped department of this discipline in Bangladesh. Recently has been shifted to the premises of new building situated on first floor(northwest)of DMCH 2. Besides treatment facility this department is an academic center for undergraduate MBBS ,post graduate MD & FCPS students.

This department developed not only with its new beautiful structure but also ornamented with recently added new ultramodern physical therapy machines to serve our patients coming from all parts of the country. So, more people will gain access to this specialty as the problems of disability & ageing are increasing day by day due to road traffic accidents(RTA), traumatic brain injury (TBI), spinal cord injury (SCI), stroke, osteoporosis, musculoskeletal conditions like arthritis, low back & neck pain, ICU, burn, genitourinary fistula rehabilitation, etc.

1. Academic Activities:

- a) Undergraduate teaching: MBBS 4th year students
Group placement as Ward duty/ tutorial class for 2 weeks-Batch - K67 & K68
 - b) Postgraduate teaching: MD course, FCPS part-II, Trainee Doctors of Dept.
 - c) Others: Diploma Physiotherapy students (2nd& 3rdyr) from different IHT.
2. Seminars of 2013:
 - i) Departmental: Total 15 no.
 - ii) Central Yearly Presentation : 01
 3. Journal club : Total 18 no.
 4. Grand round: Total 46 no
 5. List of Research Work: Total 08

Following ultramodern machines have been instituted in this department & working in full swing:

Service	Research
Extra-corporeal Shock Wave Therapy(ESWT)	Medical Treadmill (electrical)
Hoist(electrical)	Tilt Table
Standing frame (electrical)	Pressotherapy for drainage all limbs
Microwave Diathermy (MWD)	Shortwave Diathermy(SWD)
Ultrasound Therapy (UST)	Electrical Stimulation Therapy(EST)
Transcutaneous Electrical Nerve Stimulation	Interferential Therapy (IFT)
Vibration therapy(whole body)	LASER for physiotherapy
Wax- bath therapy for hand & feet arthritis	Motorized lumbar & cervical traction machine
Shoulder- wheel	Parallel-Bar & Stairs
NK table with weights	Static bicycle
Perdue pegboard/ADL board	Exercise colour putty
Thera Band exerciser	Breathing exerciser
Infra-red ray(IRR) machine	Step bench/ Stepper

26 (g).Development in General Surgery.

Surgery dept. of DMCH has run successfully during the year 2013 along with development of academic skill as well as advance surgical techniques.

1. A new unit; surgery unit -6, was introduced and is going on with success.
2. Among the academic programmes introduction of Basic surgical skill development training lab (BST) and advance laparoscopic surgical skill development training program are praiseworthy.
3. Surgery dept. has also introduced weekly thyroid, breast, colorectal and Hepatobiliary clinic for the patient benefit.
4. Several laparoscopic surgical interventions have been started. More than 50 lap. Hernioplasty in the year 2013, as well as lap. Appendicectomy including lap. Cholecystectomy was successfully performed.
5. Furthermore thoracoscopic cervical sympathectomy as advance minimal access surgical technique was also performed. Such advance techniques are also being performed in other units also. The surgery dept. will try to keep up the development in future.
6. A new fully equipped postgraduate classroom cum Examination Hall along with central AC has been created. About hundreds of dissertation/thesis is being conducted in each January/July session per year under dept. of surgery.

26 (h). Developments in Plastic Surgery

There are some remarkable developments take places in the field of plastic surgery in recent time. Most remarkable developments are:

1. Microsurgery Training Lab and Advanced Microsurgery Course:

The government has funded and established the Asia's largest and first government level microsurgery training lab in the Department of Plastic Surgery. It has 10 training bench microscopes to train not only the plastic surgeons of Bangladesh but also other subspecialties specialists of the country.

The department has conducted 8 basic microsurgery courses till date. On May, 2014 – new Advanced Microsurgery Training Course on test animals with the help of world renowned Australian micro surgeons Iay G Taylor and Russell J Corlett was conducted.

2. Cleft surgery centre:

We have established a comprehensive cleft care centre to operate on Cleft Lip and Cleft Palate patients for free.

26 (i) Department of Thoracic Surgery

Academic activities;

Undergraduate course: Department deals with the course schedule for thoracic surgery of 4th & 5th year MBBS student followed by final professional examination at the end of the course.

Postgraduate course: Department involves in teaching activities of MS part II, General surgery and allied subject.

Other academic Activities

Clinical case presentation (Thoracic Surgery): at least 3 in every year

Journal presentation (Thoracic Surgery): at least 2 in every year

Central Presentation (Thoracic Surgery) one in every year

Emergency: Traumatic emergency done in Casualty OT

- OPD : 309
- Referral : 525(visit:1457)
- Indoor : 95
- Major operation : 72 (Routine, Casualty, Multidisciplinary)
- Minor operation : 132

SI No	Operation	No of Cases
01	Esophageal resection	19
02	Lobectomy	14
03	Decortication	07
04	Pneumonectomy	06
05	Chestwall tumour	05
06	Mediastinal tumour	03
07	Pleural Biopsy	07
08	VATS	04
09	Pulmonary hydatid cyst	01
10	Ruptured diaphragm	01
11	Others	05
Total		72

26 (j) Activities of Obstetrics & Gynecology Department

OBGyn Department of DMCH has worked successfully during the year 2013 along with academic activities as well as skill development in Gynecological surgery. We are participating in national and international research.

Clinical Activities

1. We are running 5 clinical units successfully.
2. Basic laparoscopy skill development training has been organized regularly in joint collaboration with surgery department. We are arranging endoscopic surgery (Laparoscopy & Hysteroscopy) every Thursday.

3. We have also introduced separate outdoor clinics in infertility, Gynaecology & foeto maternal medicine.
4. We are doing minor gynaecological procedure in outdoor like biopsy, LEEP, cold coagulation in our colposcopy clinic.
5. We are participating in national cervical cancer screening programme through VIA & colposcopy in our OPD clinic.
6. We are doing different types of fistula operation in National Fistula Centre.
7. IYCF programme is going on properly including counseling of the patient in outdoor and indoor.

Academic activities

8. A new fully equipped conference room cum examination Hall (accommodation 150) with central AC has been developed in National fistula centre complex.
9. Throughout the year we have arranged a number of workshops & training programme on PPH, long acting contraceptive methods, postnatal care, partograph, post abortion care(PAC) in joint collaboration with DGHS, WHO, IPAS for our post graduate trainees.
10. Postpartum Intrauterine device programme is going on in our department.

Research activities

11. International -

1. WOMAN Trial (world maternal antifibrinolytic trial) has been going on in joint collaboration with London School of Tropical Medicine & Hygiene.

12. National -

1. "WHO safe childbirth checklist: An implementation study in selected public health facilities in Bangladesh" in joint collaboration with ICDDR,B. (proposed)
2. "Development of an electronic device to reduce time of blood transfusion in emergency obstetric patient" in joint collaboration with ICDDR,B (proposed)
3. "Tamostat: A low -cost, self -regulating tamponade for management of PPH in low -resource settings" in joint collaboration with ICDDR,B.(proposed)
4. About one hundred and twenty dissertation/ Thesis in being conducted in each January/ July session for year under department of Gynae.

The Obstetric and Gynecology department will try to keep up their future development & work for the students, trainees & patients.

26 (k) Department of Pediatrics - Achievements.

	Service	Training	Research
General Pediatrics	<ol style="list-style-type: none"> 1. Increase number of treated patients in both indoor and outdoor then year 2012. 2. SAM ward has been established. 	<ol style="list-style-type: none"> 1. Childhood tuberculosis training to a significant number of doctors from around the country. 2. FCPS, MD, DCH students training programme. 	<p>Ongoing researches for thesis and dissertation.</p> <p>A number of completed researches published in national and international journals:</p>
Pediatric Nephrology	<p>Expansion of the unit.</p> <p>Increased manpower.</p> <p>Increased number of dialysis: both CAPD and IPD.</p>	FCPS, MD, DCH students training programme.	Ongoing researches for thesis and dissertation.
Neonatology	<ol style="list-style-type: none"> 1. Started CPAP and ventilator support to neonates. 2. LED phototherapy started. 3. NNPD database service. 4. ROP screening and treatment for preterm babies started. 	<ol style="list-style-type: none"> 1. FCPS, MD, DCH students training programme. 2. HBB, ETAT, BFHI training programmes started. 	Ongoing researches for thesis and dissertation.

27. Administrative Meetings:

1. Academic Council Meetings
 - a. Regular : 5
 - b. Emergency : 1
2. Committee Meetings : 29
3. Disciplinary meeting : 2

28. Audiovisual Aids:

1. Multimedia : yes
2. OHP : yes

29. Linkages:

Linkage with overseas organizations / institutes : Yes

Name of the organizations

TDR/WHO (Tropical Disease Research Cell of Medicine Department)



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