दूरभाष/Phone : 25367033, 25367035, 25367036
फेक्स/Fax : 0091-11-25367024
ई-मेल/E-mail : ug@nmc.org.in,

पॉकेट-14, सेक्टर-8, द्वारका, फेस-1, नईदिल्ली-77
Pocket- 14, Sector- 8, Dwarka,
Phase – 1, New Delhi-77

राष्ट्रीय आयुर्विज्ञान आयोग
National Medical Commission
(Undergraduate Medical Education Board)

No.U.14021-8-2023-UGMEB/ **Dated the 12th June 2023**

CIRCULAR

Subject : Guidelines under Graduate Medical Education Regulation 2023

Consequent upon publication of Graduate Medical Education Regulations 2023 in Gazette of India vide Notification dated 2nd June 2023 and in suppression of Graduate Medical Education Regulations 1997(as amended), Under Graduate Medical Education Board(UGMEB) hereby issues following new Guidelines for the MBBS Course :

(i) CBME Curriculum
(ii) Manpower Requirement for Research Facilities in a Medical College.
(iii) Family Adoption Program
(iv) Admission of students under "Disability Category" in MBBS Course.
(v) Format for submission of information regarding admission of in a medical college

2. All previously issued Notifications/circulars/clarifications shall now be void and superseded by these new guidelines.

3. These new guidelines shall be applicable to all the admission made in MBBS Course in a medical college in the academic year 2023-24.

4. This issues with the approval of the competent authority in UGMEB, National Medical Commission.

12/6/2023

(Shambhu Sharan Kumar)
Director, UGMEB

AETCOM Competencies for First MBBS

Subject	Competency Number	Competency
Anatomy	Module 1.5	The cadaver as our first teacher Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue
	Module 1.1	Identify, discuss Physician's role and responsibility to society and the community that he serves
Physiology	Module 1.2, Module 1.3	Demonstrate empathy in patient encounters
	Module 1.4	Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non- judgmental and empathetic manner
Biochemistry	Module 1.1,	Enumerate and Describe the role of a Physician in health care system
	Module 1.1	Describe and discuss the commitment to lifelong learning as an important part of Physician growth

AETCOM Competencies for Second MBBS

Subject	Competency Number	Competency
Pathology	2.6	Identify, discuss and define medico-legal, socio-cultural and ethical issues as they pertain to refusal of care including do not resuscitate and withdrawal of life support.
	2.4 A	Demonstrate ability to work in a team of peers and superiors.
	2.4 B	Demonstrate respect in relationship with patients, fellow team members, superiors and other health care workers.
	2.7	Identify, discuss and defend, medico-legal, socio-cultural and ethical issues as they pertain to consent for surgical procedures.
Microbiology	Module 2.2 A	Describe and discuss the role of non-malfeasance as a guiding principle in patient care
	Module 2.2 B	Describe and discuss the role of autonomy and shared responsibility as a guiding principle in patient care
	Module 2.2 C	Describe and discuss the role of beneficence of a guiding principle inpatient care
	Module 2.2 D	Describe and discuss the role of a Physician in health care system
	Module 2.2 E	Describe and discuss the role of justice as a guiding principle in patient Care
	Module 2.3	Describe and discuss the role of justice as a guiding principle in patient care
	Module 2.5	Identify, discuss and defend medico-legal, socio-cultural and ethical issues as it pertains to patient autonomy, patient rights and shared responsibility in health care
Pharmacology	Module 2.1	Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non-judgmental and empathetic manner.
	Module 2.8	Demonstrate empathy in patient encounters.

AETCOM Competencies for Third Year (Part I)

Subject	Competency Number	Competency
Ophthalmology	3.1	Demonstrate ability to communicate to patients in a patient, respectful, nonthreatening, non-judgmental and empathetic manner
	3.2	Demonstrate an understanding of the implications and the appropriate procedure and response to be followed in the event of medical error
(Oto-Rhino-Laryngology(ENT)	3.3 A	Demonstrate ability to communicate to patients in a patient, respectful, nonthreatening, non-judgmental and empathetic manner
	3.3 B	Identify, discuss and defend, medico-legal, socio-cultural and ethical issues as they pertain to consent for surgical procedures
Forensic Medicine & Toxicology	3.3 C	Administer informed consent and appropriately address patient queries to a patient undergoing a surgical procedure in a simulated environment
	3.4	Identify, discuss and defend medico-legal, socio-cultural and ethical issues as it pertains to confidentiality in patient care
Community Medicine	3.5 A	Identify, discuss and defend medico-legal, socio-cultural, professional and ethical issues as it pertains to the physician - patient relationship (including fiduciary duty)
	3.5 B	Identify and discuss physician's role and responsibility to society and the community that she/ he serves

AETCOM Competencies for Third Year (Part II)

Subject	Competency Number	Competency
Medicine and Allied Subjects	4.1 A	The student should be able to: Demonstrate ability to communicate to patients in a patient, respectful, nonthreatening, non-judgmental and empathetic manner
	4.1 B	The student should be able to: Communicate diagnostic and therapeutic options to patient and family in a simulated environment
	4.3	The student should be able to: Identify and discuss medico-legal, socio-economic and ethical issues as it pertains to organ donation
Surgery and Allied Subjects	4.4 A	The student should be able to: Demonstrate empathy in patient encounters
	4.4 B	The student should be able to: Communicate care options to patient and family with a terminal illness in a simulated environment
	4.5	The student should be able to: Identify and discuss and defend medico-legal, socio-cultural, professional and ethical issues in physician - industry relationships
	4.6	The student should be able to: Identify conflicts of interest in patient care and professional relationships and describe the correct response to these conflicts
Obstetrics and Gynecology	4.2	The student should be able to: Identify, discuss and defend medico-legal, socioeconomic and ethical issues as it pertains to abortion / Medical Termination of Pregnancy and reproductive rights
	4.7	The student should be able to: Identify conflicts of interest in patient care and professional relationships and describe the correct response to these conflicts
	4.8 A	The student should be able to: Identify conflicts of interest in patient care and professional relationships and describe the correct response to these conflicts.
	4.8 B	The student should be able to: Demonstrate empathy to patient and family with a terminal illness in a simulated environment.
Pediatrics	4.9 A	The student should be able to: Identify, discuss and defend medico-legal, socio-cultural, professional and ethical issues pertaining to medical negligence
	4.9 B	The student should be able to: Identify, discuss and defend medico-legal, socio-cultural, professional and ethical issues pertaining to malpractice

Table1: Time distribution of MBBS Programme & Examination Schedule

Academic Calendar for CBME 2023-24 Batch

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2023								1	2	3	4	5
2024	6	7	8	9	10	11	12-1st Prof exam, result	13-2nd MBBS	14	15	16	17
2025	18	19	20	21	22	23	24-2nd Prof exam, result	25-Final 1st	26	27	28	29
2026	30	31	32	33	34	35	36-Final 1st exam, result	37-Final 2nd	38	39	40	41
2027	42	43	44	45	46	47	48	49	50	51	52	53 Final Exam/NExT
2028	54 NExT	1-CRMI	2	3	4	5-2nd NExT	6	7	8	9	10	11
2029	12 NExT											

Legends:

AETCOM: Attitude, Ethics and Communication skills

FAP: Family Adoption Programme (village outreach)

SDL: Self Directed Learning

SGL: Small Group Learning (tutorials/ Seminars/ Integrated Learning)

Note : NExT shall be as per NExT Regulations

Table2: Distribution of subjects in each Professional Phase

Phase & year of MBBS training	Subjects & Teaching Elements	Duration (months)	University Examination
First Professional MBBS	(i) Foundation course -1 week, remaining spread over 6 months at the discretion of college. (ii) Anatomy, Physiology & Biochemistry, Introduction to Community Medicine, Family adoption programme (FAP) through village outreach (iii) Medicine, Humanities. (iv) Early Clinical Exposure. (v) Attitude, Ethics, and communication Module (AETCOM)	12 months	1st professional
Second Professional MBBS	(i) Pathology, Microbiology, Pharmacology (ii) Introduction to clinical subjects (iii) Clinical postings, Family visits for FAP (iv) AETCOM	12 months	2nd professional
Third Professional part 1, MBBS, including Electives 1 month	(i) Community Medicine, Forensic Medicine and Toxicology, Medicine & allied, Surgery & allied, Pediatrics and Obstetrics & Gynecology. (ii) Family visits for FAP (iii) Clinical postings (iv) AETCOM (v) Electives- 1 month, 2 blocks, 15 days each	12 months	Final professional-Part 1
Third Professional part 2, MBBS	(i) General Medicine, Dermatology, Psychiatry, Respiratory medicine, Pediatrics, General Surgery, Orthopedics, Oto-rhinolaryngology, Ophthalmology, Radiodiagnosis, Anesthesiology, Obstetrics & Gynecology (ii) Clinical postings (iii) AETCOM	18 months	Final Professiona-Part II

Table 3: Foundation Course

(one week + spread over 6 months at the discretion of college)

Subjects/Contents	**Teaching hours**
Orientation	30
Skills Module	34
Field visit to Community Health Center	08
Introduction to Professional Development & AETCOM module	40
Sports, Yoga and extra-curricular activities	16
Enhancement of language/computer skills	32
Total	**160**

Table No. 4 - Distribution of Subject Wise Teaching Hours for 1st MBBS

Subject	Lectures	SGL	SDL	Total
Foundation Course	-	-	-	39
Anatomy	210	400	10	620
Physiology*	130	300	10	440
Biochemistry	78	144	10	232
Early Clinical Exposure**	27	-	-	27
Community Medicine	20	20	-	40
FAP	-	-	27	27
(AETCOM)***	-	26	-	26
Sports and extra-curricular activities	-	-	-	10
Formative Assessment and Term examinations	-	-	-	60
Total	**464**	**918**	**30**	**1521 #**

- Including Molecular Biology

** Early Clinical exposure hours to be divided equally in all three subjects.

***AETCOM module shall be a longitudinal programme.

Includes hours for Foundation course also

Table No. 5 - Distribution of Subject Wise Teaching Hours for II MBBS

Subjects	Lectures	SGL	Clinical Postings*	SDL	Total
Pathology	80	165	-	10	255
Pharmacology	80	165	-	10	255
Microbiology	70	135	-	10	215
Community Medicine	15	0	0	10	25
FAP	0	0	30	-	30
Forensic Medicine and Toxicology	12	22	-	08	42
Clinical Subjects	59	-	540	-	599
AETCOM	-	29	-	8	37
Sports and extra-curricular activities	-	-	-	20	35
Pandemic module				28	28
Final total	**316**	**516**	**585**	**104**	**1521**

Note : ***Clinical postings shall be for 3 hours per day, Monday to Friday.***

There will be 15 hours per week for all clinical postings.

Table No. 6 - Distribution of Subject Wise Teaching Hours for Final MBBS part 1

Subject	Lectures	SGL	SDL	Total
Electives	0	156	0	156
Gen. Med.	30	50	10	90
Gen Surgery	30	50	10	90
Obs. & Gyn	30	50	10	90
Pediatrics	25	30	10	65
Ortho+ PMR	15	20	10	45
For. Med.& Tox.	40	70	20	130
Community Med	55	70	20	145
FAP (Visits +log book submission)	-	21	10	31
Otorhinolaryngology (ENT)	15	20	10	45
Ophthalmology	15	20	10	45
Clinical posting	-	-	540	540
AETCOM	0	19	12	31
Pandemic module	18	0	0	18
Total	**273**	**546**	**672**	**1521**

Table 7: Distribution of Subject wise Teaching Hours for

Third professional part-2/ Final MBBS

Subjects	Lectures	SGL	SDL	Total
General Medicine	80	140	40	**260**
General Surgery	80	140	40	**260**
Obstetrics and Gynecology	80	140	40	**260**
Pediatrics	30	60	30	**120**
Orthopedics + Phys. Med. Rehab	25	35	25	**85**
AETCOM	30	0	22	**52**
Dermatology	15	10	15	**40**
Psychiatry	15	15	15	**45**
Respiratory Medicine	15	15	15	**45**
Otorhinolaryngology (ENT)	15	25	15	**55**
Ophthalmology	15	25	15	**55**
Radiodiagnosis +RT	8	15	15	**38**
Anesthesiology	8	15	15	**38**
Pandemic module	28	-	-	**28**
TOTAL	**444**	**610**	**302**	**1356**

Extra time for SDL/preparation for NExT

Table No. 8: Clinical Posting Schedules in weeks

Subjects	Period of training in weeks			Total Weeks
	II MBBS	III MBBS Part I	III MBBS Part II	
Electives	0	4	0	4
General Medicine	7	4	10	21
General Surgery	7	4	10	21
Obstetrics & Gynaecology	7	4	10	21
Pediatrics	4	4	5	13
Community Medicine	4	4	0	8
Orthopaedics, PMR, Trauma	2	2	4	8
Otorhinolaryngology	0	3	4	7
Ophthalmology	0	3	4	7
Respiratory Medicine	0	0	3	3
Psychiatry	0	2	4	6
Radio-diagnosis	0	0	2	2
Dermatology	2	2	2	6
Dentistry	1	0	0	1
Anaesthesiology	0	0	3	3
Emergency Medicine	2	0	1	3
Total	**36**	**36**	**62**	**134**

Table 9: Learner- Doctor programme (Clinical Clerkship)

Year of Curriculum	Focus of Learner-Doctor programme
Year 1	Introduction to hospital environment, early clinical exposure, understanding perspectives of illness, Family Adoption Program(FAP)
Year 2	History taking, physical examination, assessment of change in clinical status, communication and patient education, FAP
Year 3	All of the above and choice of investigations, basic procedures and continuity of care
Year 4	All of the above (except FAP) and decision making, management and outcomes

Table 10 : Marks distribution for various subjects for University Annual Examinations

Phase of Course	Theory	Practicals	Passing criteria
1st MBBS			
Anatomy- 2 papers	Paper 1- 100	100	Mandatory to get 50% marks separately in theory and in practicals. For theory, papers 1 and 2 for the same subject, aggregate of 50% in both papers.
	Paper 2 -100		
Physiology- 2 papers	Paper 1- 100	100	
	Paper 2 -100		
Biochemistry- 1 paper	Paper 1- 100	50	
2nd MBBS			
Pathology - 2 papers	Paper 1- 100	100	
	Paper 2 -100		
Microbiology- 1 paper	Paper 1- 100	50	
Pharmacology- 2 papers	Paper 1 -100	100	
	Paper 2- 100		
Final MBBS part 1			
Forensic Med. Tox.- 1 paper	Paper 1 - 100	50	
Community Med- 2 papers	Paper 1 -100	100	
	Paper 2- 100		

For NEXT, as per NEXT regulations.