

Appendix I

MBBS doctors will be competent enough to diagnose and manage the following diseases / health problems.

Medicine and Allied Subjects

<p>Diarrhoea Common cold, upper respiratory tract infection, Pneumonia Fever (especially viral fever / flue / hyperpyrexia) Enteric fever Shigellosis, Amoebic dysentery Peptic ulcer diseases, GERD, Dyspepsia, Vomiting , Hiccough, Dysphagia & Constipation Irritable Bowel Syndrome Jaundice / Viral hepatitis Hypertension U T I Diabetes Mellitus Headache (especially migraine and tension headache) Anaemia (nutritional) Cough, Bronchial asthma, Bronchitis Arthritis & arthralgia, Rheumatoid arthritis, Osteoarthritis of knee, Gout Tetany</p>	<p>Tuberculosis, Leprosy, Malaria, Kala-azar, Dengue, Measles, Mumps, Chickenpox, Tetanus, Pertussis, Filariasis, Insect bite, Snake bite (nonpoisonous) Mild to moderate adverse reaction of drugs Helminthic infestation Febrile convulsion Rheumatic fever Neonatal care Infantile colic Bronchiolitis Nutritional assessment, growth monitoring & nutritional counseling Counseling for breast feeding and weaning (complementary feeding) Mild malnutrition /PEM /obesity/ underweight Deficiency disorders (Specially Vitamin-A, Iodine, Iron, Vitamin-B and protein) Physiological jaundice, Omphalitis Nocturnal enuresis, Overactive bladder / urge incontinence</p>	<p>Scabies Urticaria/ Allergy Atopic dermatitis / Eczema /contact dermatitis Candidiasis & Ringworm Pityriasis versicolor Syphilis & genital ulcers Gonorrhoea / Urethritis & vaginitis Herpes simplex / herpes zoster Acne Impetigo /bacterial Skin infection Aphthous ulcer Seborrheic dermatitis Uncomplicated psychiatric disorders (Anxiety neurosis, HCR) Malingering Vertigo Insomnia Bell's palsy</p>
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Surgery and Allied Subjects

<p>Abscess (superficial), Boil, Carbuncle, paronychia, Erysipelas, cellulitis, Minor trauma, wound, haemorrhage, burn and animal bite Lymph adenitis Corn, pyogenic granuloma, watt Sebaceous cyst, superficial tumours Epididymo-orchitis Circumcision</p>	<p>Frozen shoulder Back pain, Cervical pain & other musculoskeletal pain Conservative management of tonsillitis, sinusitis, acute otitis media Rhinitis (allergic, viral) Infantile dacryocystitis, Sty Conjunctivitis (allergic, viral, bacterial) Non impacted foreign body in eye, ear and nose</p>
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Obstetrics and Gynecology

<p>Ante natal care Conduction of normal labour Intra- natal and post natal care of mother and child Birth spacing and family planning advice</p>	<p>Trichomoniasis, Moniliasis Menstrual disorders Pelvic inflammatory disease Post-menopausal syndrome</p>
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Appendix II

MBBS doctors will be competent enough to diagnose and refer after primary management of the following diseases /health problems

Medicine & Allied Subjects

<p>Acute severe chest pain</p> <p>Diabetes with complications</p> <p>Complicated hypertension</p> <p>Valvular heart diseases</p> <p>Left ventricular failure</p> <p>Complicated pneumonia, Respiratory failure, Pleural effusion, haemothorax, pneumothorax,</p> <p>Meningitis, Septicemia</p> <p>Pancreatitis</p> <p>Cancers / carcinomas</p> <p>Snake bite (poisonous)</p> <p>Oedema , ascites, CCF, Chronic liver diseases</p>	<p>Complicated UTI, Acute renal failure, Chronic renal failure, Nephrotic syndrome, Acute glomerulonephritis (AGN)</p> <p>Cerebro vascular accident</p> <p>Parkinson's disease</p> <p>Urinary & fecal incontinence</p> <p>Loss of libido, impotency, premature ejaculation</p> <p>MDR and complicated Tuberculosis, Typhoid, Rabies, HIV & AIDS, Polio, Diphtheria</p> <p>Psoriasis, severe drug reactions / SJS, Arsenecosis</p> <p>Drug addiction, Complicated psychiatric disorders (schizophrenia, depressive illness, psychosomatic disorders, personality disorders etc.)</p>	<p>Persistent Diarrhoea,</p> <p>Febrile convulsion (1st attack)</p> <p>Ascariasis crisis</p> <p>Severe Under-nutrition / PEM /</p> <p>Low birth weight, prematurity, Birth asphyxia, birth injury, neonatal septicemia, high neonatal jaundice</p> <p>Delayed mile stone of development (cretinism, Autism), Epilepsy</p> <p>Haemophilia, purpura, haemopoetic disorders, leukemia,</p> <p>Goiter, hypothyroidism, Thyrotoxicosis, hormonal disorders</p> <p>Congenital diseases and deformities</p>
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Appendix II continued

Surgery & Allied Subjects

<p>Deep abscess</p> <p>Complicated trauma, wound, haemorrhage and burn (including acid injury),</p> <p>Appendicitis, Cholecystitis and cholelithiasis</p> <p>Hydrocele, hernia & testicular torsion</p> <p>Intestinal obstruction (including gastric outlet obstruction, intussusception, volvulus), perforation, peritonitis, paralytic ileus,</p>	<p>Stone in urinary tract, retention of urine, prostatic enlargement, haematuria</p> <p>Fracture of bone, dislocation of joints, Gangrene, deep vein thrombosis, head / spinal injury, injury to vital organs</p> <p>Disc prolapse, osteomyelitis</p> <p>Per rectal bleeding (Anal fissure, Rectal polyp, Hemorrhoids, rectal cancer)</p> <p>Deep tumor and cancer</p> <p>Peripheral vascular occlusive diseases</p>	<p>Cataract, pterygium, Refractive error, Glaucoma, corneal ulcer & corneal injury, Chalazion,</p> <p>Impacted foreign body in eye, ear & nose</p> <p>Perforation and injury of tympanic membrane,</p> <p>Deafness, epistaxis, Chronic tonsillitis, Chronic otitis media, Chronic sinusitis,</p>
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Obstetrics and Gynecology

<p>High risk pregnancy</p> <p>APH, IPH, PPH</p> <p>Eclampsia & preeclampsia</p> <p>Obstructed Labour</p> <p>Ectopic pregnancy</p> <p>Abortion</p> <p>DUB</p>	<p>Pelvic tumor (fibroid uterus, ovarian tumour, hydatidiform mole, Ca cervix etc.)</p> <p>Sterility</p>	<p>Obstetrical and Gynecological cases with medical conditions with like heart, renal diseases etc.</p>
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Appendix III

MBBS doctors will be competent enough to perform the following professional task independently--

Taking history from patient systematically	All clinical subjects,	
Performing general and systemic examination of patient		
Writing and interpretation of history and examination findings of a patient for provisional diagnosis.		
Advising appropriate investigations and interpretation of the investigation findings to conform the diagnosis.		
Writing rational prescription	Pharmacology, All clinical subjects	
Identifying any adverse effect of those drug and taking necessary measure to protect the patient		
Writing a discharge certificate as per ICD	All clinical subjects, Physiology & Pathology	
Writing a death certificate as per ICD		
Writing a requisition form for different investigation		
Measuring blood pressure, pulse rate, body temperature		
Introducing naso gastric (N/G) tube, mouth gauge		
Introducing enema simplex, flatus tube,		
Performing tepid sponging		
Performing air-way suction		
Applying pressure bandage		
Performing CPR		
Performing P/R examination		
Tacking care of bed sores		
Tacking care of peripheral and central venous line		
Maintaining a input & output chart		
Performing pre-operative management when it is indicated		Surgery, Gynecology and Obstetrics'
Collecting sputum for AFB		Pathology, Biochemistry & Physiology
Collecting , preserving and sending of blood and urine samples for different investigations including culture		
Collecting , preserving and sending of body tissues for histopathology	Pathology & all clinical subjects	
Measuring urine protein, sugar & urine analysis	Pathology, Physiology, all clinical subjects	
Performing pregnancy test	Pathology, Gynecology and Obstetrics'	
Measuring Hb%, ESR, TC, DC, TPC	Pathology, Physiology	
Preparing blood film for malarial parasite		
Measuring blood glucose	Pathology & Biochemistry	
Taking nose, throat, skin and wound swabs	Microbiology, all clinical subjects	
Performing and interpreting a electrocardiograph (ECG)	Medicine, Physiology	
Performing and interpreting basic respiratory function tests		
Performing lumber puncture		

Appendix III continued

Administering oxygen	All clinical subjects
Making up drugs for parenteral administration	
Administering intravenous, intramuscular, subcutaneous and intradermal injections	
Establishing peripheral intravenous access including venipuncture and setting up an infusion devices	
Establishing safe blood transfusion / fluid infusion	
Dosage and administration of insulin and use of sliding scales	
Introducing male and female urinary catheter	
Maintaining correct techniques for ‘moving and handling’ of sick and injured patients	
Use of personal protective equipment (gloves, gowns, masks)	
Controlling cross infection among patients in relation to procedures and infectious patients	
Ensuring safe disposal of clinical waste, needles and other ‘sharps’	
Explaining the patients and attendants about the disease and its outcome	
Giving information about the procedure and treatment options to the patients and attendants	
Obtaining and recording consent from patients and attendants for invasive procedure	
Developing and maintaining medical records	
Counseling the patients and attendants about the medication and aftercare	
Giving follow-up to the patients when needed	
Instructing patients and attendants about oral, per rectal, parenteral, topical and inhaler medications including eye and ear drops.	Pharmacology, All clinical subjects
Washing hands (including surgical ‘scrubbing up’ before any invasive procedure)	Surgery Gynaecology and obstetrics
Handling of sterile instruments	
Ensuring wound care and basic wound dressing	
Use of local anaesthetics	
Skin suturing	
Nutritional assessment, growth monitoring, nutritional advice	Community medicine Pediatrics Obstetrics
Birth spacing & family planning	
Immunization advice	
Breast feeding and weaning / complementary feeding advice	Community medicine All clinical subjects
Advice of hygiene and healthy lifestyles	
Participating in disaster management (cyclone, earth slide, flood, epidemic outbreak, earth quake etc.), Perform triage, Perform mass casualty management(MCM)	
Work in community setting	
Promoting community health of people and preventing communicable and non-communicable diseases at individual and community level by counseling and involving in the activities about safe drinking water, food safety, healthy life styles, sanitary disposal of wastage and refuse, environmental sanitation, occupational health, school health program etc.	Community medicine
Conduct survey to assess community health problems and using health related data to provide cost effective better health care.	
Injury/assault assessment for medico-legal purposes	
Performing autopsy for medico-legal purposes, Handling & Managing Dead body	Forensic medicine
Writing report for medico-legal purposes /writing medical certificates.	

Appendix IV

MBBS doctors will be competent enough in providing management in following emergency situation and will be able to refer the patients appropriately when necessary-

Acute chest pain / Ischemic heart diseases (Myocardial Infraction)	Electrolyte imbalance
Acute abdomen	Drowning
Any kind of moderate to severe pain	Poisoning, Snake bite
CVA / Unconscious patients / Convulsion	Burn including Acid injuries
Pre-coma, Coma and All types of Shock	Haematemesis
Cardio Respiratory arrest	Melaena
Dyspnoea	Haemoptysis
Cyanosis	Severe vomiting
Dehydration	Pancreatitis
Haemorrhage	All types of injuries , Road Traffic Accidents
Anaphylactic reactions	Mass casualty (cyclone, flood, epidemic outbreak, earth quake etc.)

Doctor should refer a case when there is any complication in the course of treatment / management.

The areas of the competencies listed in the above table have shown to be obtained from one or more disciplines arbitrarily. In reality, to obtain one single competency multiple disciplines (possibly all) have to contribute.

This list provided to find out the minimum competencies that all doctors must be obtained from MBBS course and internship training. A MBBS doctor may show more competencies in certain areas beyond the list.

List of competencies are also provided in the concerned subject.

Outline of a Prescription

Registration No:.....

Name of Doctor
Degree(s), (Specialty)
Address of Chamber
Telephone No:

Name of Patient:

Age : Sex :

Address of Patient :

Chief complaints :

- •
•

Examination findings :

- Pulse.../min
•
•

Investigation :

- •
•

Provisional diagnosis :

.....

Diagnosis :

.....

Advise :

- •
•

RX

- 1.
2.
3.

Signature of Doctor

Date :

Reg. No.:

Outline of Medical & Fitness Certificate

Signature of the applicant

After careful examination of the case hereby I certify that Mr./Ms.
whose signature is given above, is suffering form I consider that a period of
absence from duty / study / job fordays with effect from to is
absolutely necessary for the restoration of his / her health.

Place : (Signature of Doctor)
Date : Name of the Doctor
Registration No:

CERTIFICATE OF MEDICAL FITNESS

Signature of Applicant :

After careful examination of the case hereby I certify that Mr./Ms.
.....whose signature is given above is now fit to resume duty / study /
job from I also certify that before arriving at my decision I have examined the original medical
certificate(s) and statement(s) of the case (or the certified copies thereof) on which leave was granted or
extending, and have taken these in consideration in arriving at my decision.

Place : (Signature of Doctor)
Date : Name of the Doctor
Registration No:

Appendix –VII

List of the Contributors in the year 2020

Name, Designation and Institute (not according to warrant of precedence)
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