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13/08/2024

To

The IQAC Coordinator,  
MGM IHS  
Navi Mumbai

Subject: Submission of course outcomes for the subject pediatrics for the MBBS Program

Ref: Email dated Aug 2<sup>nd</sup>, 2024, finalization of COs for all courses of MBBS

Respected Madam,

We hope you are well. With reference to above email ref and subject please find below the course outcomes that the department of pediatrics of the constituent units Kamothe, Chhatrapati Sambhaji Nagar and Vashi are jointly submitting.

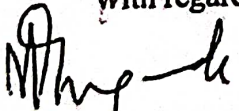
**Course Outcomes for the subject pediatrics of the MBBS program**

At the end of the pediatric course student shall be able to:


1. Proficiently assess, monitor and promote growth, development and nutrition
2. Competently provide emergency and routine pediatric care as a primary care physician
3. Participate in child health promotion and disease prevention
4. Communicate appropriately and effectively with patients, relatives and community

Thanking you,

With regards

  
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## **Annexure-68B of AC-51/2025**

### **Pediatric modules**

#### **Module 1: Growth, Development, and Behavioral Health**

##### **Topics:**

1. Normal Growth and Development
2. Common problems related to Growth
3. Common problems related to Development - 1 (Developmental delay, Cerebral palsy)
4. Common problems related to Development - 2 (Scholastic backwardness, Learning Disabilities, Autism, ADHD)
5. Common problems related to behavior
6. Adolescent Health & common problems related to Adolescent Health

#### **Module 2: Nutrition and Feeding Practices**

##### **Topics:**

1. To promote and support optimal Breastfeeding for Infants
2. Complementary Feeding
3. Normal nutrition, assessment and monitoring
4. Provide nutritional support, assessment, and monitoring for common nutritional problems including moderate and severe acute malnutrition
5. Obesity in children
6. Micronutrients in Health and disease - 1 (Vitamins ADEK, B Complex, and C)
7. Micronutrients in Health and disease - 2: Iron, Iodine, Calcium, Magnesium

#### **Module 3: Neonatal and Infant Care**

##### **Topic:**

1. Care of the Normal Newborn, and High-risk Newborn

#### **Module 4: National Health Programs and Public Health**

##### **Topics:**

1. The National Health programs, NHM
2. The role of the physician in the community
3. Integrated Management of Neonatal and Childhood Illnesses (IMNCI) Guideline
4. National Programs, RCH - Universal Immunization program
5. Vaccine Preventable Diseases – Tuberculosis

#### **Module 5: Systemic Pediatrics 1 (Fluid, Electrolyte Balance, GIT & endocrine disorders)**

##### **Topics:**

1. Diarrhoeal diseases and Dehydration
2. Fluid and electrolyte balance
3. Approach to common pediatric gastrointestinal complaints
4. Malabsorption
5. Acute and chronic liver disorders
6. Endocrinology

#### **Module 6: Systemic Pediatrics 2 (CVS, RS, GUT, CNS, Hematology-oncology)**

Topics:

1. Cardiovascular system- Heart Diseases
2. Respiratory system
3. Genito-Urinary system
4. Systemic Pediatrics-Central Nervous system
5. Anemia and other Hemato-oncologic disorders in children

#### **Module 7: Genetic Disorders , Allergy and Pediatric rheumatology**

Topics:

1. Chromosomal Abnormalities
2. Approach to and recognition of a child with possible Rheumatologic problem
3. Allergic Rhinitis, Atopic Dermatitis, Bronchial Asthma, Urticaria, Angioedema

#### **Module 8: Pediatric Emergencies and toxicology**

Topics:

1. Pediatric Emergencies – Common Pediatric Emergencies
2. Toxicology - Toxic elements and free radicals and oxygen toxicity

Broad topics as per CBME 2024 for pediatrics – 35 (actual number 32)

1. Normal growth and development
2. Common problems related to growth
3. Common problems related to development 1 (Developmental delay, cerebral palsy)
4. Common problems related to development 2 (Scholastic backwardness, Learning Disabilities, Autism, ADHD)
5. Common problems related to behavior
6. Adolescent health and common problems related to adolescent health
7. To promote and support optimal breastfeeding for infants
8. Complementary feeding
9. Normal nutrition, assessment and monitoring
10. Provide nutritional support, assessment and monitoring for common nutritional problems
11. Obesity in children
12. Micronutrients in health and disease -1 (Vitamin A, D, E, K, Bcomplex and C)
13. Micronutrients in health and disease – 2 (Iron, iodine, calcium, magnesium)

14. Poisoning
15. Fluid and electrolyte balance
16. Integrated management of neonatal and childhood illnesses guideline
17. National health programs, NHM
18. National programs- RCH Universal immunization program
19. Care of the normal newborn and high risk newborn
20. Genitourinary system
21. Approach to and recognition of a child with possible rheumatological problem
22. Cardiovascular system – heart diseases
23. GIT and hepatobiliary system
24. Pediatric emergencies
25. Respiratory system
26. Anemia and other hematologic disorders in children
27. Systemic pediatrics – central nervous system
28. Allergic rhinitis, atopic dermatitis, bronchial asthma
29. Chromosomal abnormalities
30. Endocrinology
31. Vaccine preventable diseases – Tuberculosis
32. The role of physician in community