

## Mapping of Questions to Program and Course Outcomes

**Program:** BDS

**Date:** JUNE/JULY- 2018

**Subject:** Conservative Dentistry & Endodontics

### Program Outcome achievement

Program Outcome	% of graduates achieving 60% or more in mapped items
PO1: Describe normal and abnormal human structure, development, function and behaviour that is relevant to the practice of Dentistry.	96%
PO2: Apply basic knowledge of biomedical, technical and clinical sciences for the effective practice of Dentistry.	79%
PO3: Elicit detailed Dental and relevant Medical history, perform an oral and general physical examination and choose relevant laboratory diagnostic tests for identification of oral disorders, prevention of oral disease and promotion of oral health.	
PO4: Demonstrate the ability to interpret available clinical and laboratory data and effective clinical problem solving, in order to generate differential diagnoses and to manage oral health disorders.	58%
PO5: Perform and interpret a basic oral radiological examination safely.	
PO6: Plan and administer, safely, appropriate treatments, including surgical procedures, for common oral disorders in adults as well as children.	
PO7: Identify and manage common medical emergencies encountered in general dental practice.	90%
PO8: Identify and refer patients who may require specialist care.	
PO9: Demonstrate knowledge of global and national needs, policies and regulatory frameworks relevant to oral health.	
PO10: Function effectively as an oral health care team member in health care settings.	
PO11: Communicate effectively and sensitively with patients, care-givers, colleagues and the public in a manner that will improve health care outcomes and patient / client satisfaction.	
PO12: Demonstrate the ability to continue refining existing knowledge / skills and acquire new knowledge/skills.	
PO13: Select and pursue an appropriate career pathway that is professionally rewarding and personally fulfilling.	
PO14: Recognize and manage medico-legal, ethical and professional issues in dental practice.	
PO15: Demonstrate and practice integrity, responsibility, respect and selflessness.	

## Course Outcome achievement

### Program Outcome

**% of graduates  
achieving 60% or more  
in mapped items**

CO1: Acquire adequate knowledge, necessary skill and attitude to carry out dental practice involving prevention, diagnosis and treatment of anomalies and diseases of teeth and associated hard and soft tissues	
CO2: Apply basic knowledge of anatomy, physiology and biomechanical properties of teeth, biomaterials and associated tissues for effective practice of Dentistry	78%
CO3: Demonstrate understanding of the etiology, pathophysiology and clinical manifestation of diseases of the teeth and adjacent hard and soft tissues.	58%
CO4: Acquire basic knowledge of etiology, biology, prevention, interception and management of carious and noncarious lesion of teeth.	96%
CO5: Choose various methods to identify the disease process at different stages and determine the treatment modalities.	
CO6: Plan and administer caries prevention, interception and treatment modalities	
CO7: Understanding of the etiology, pathophysiology and clinical manifestation of diseases of the teeth and adjacent hard and soft tissues	
CO8: Define and classify diseases of teeth and adjacent tissues and plan out the treatment preferences	
CO9: Communicate effectively and sensitively with patients and public to bring about satisfaction and trust	
CO10: Identify and manage common anomalies of shape, size and number of teeth	
CO11: Perform and interpret basic diagnostic procedures for teeth and perioral tissues	
CO12: Demonstrate basic knowledge of the biological basis of Endodontics and management of various Endodontic situations including diagnosis, treatment planning and treatment modalities	88%
CO13: Identify and refer patients requiring specialist care	83%
CO14: Perform basic diagnostic procedure for caries assessment, prevention and treatment with the knowledge of physiological systems.	
CO15: Analyze occlusion, factors affecting and physiology of occlusion with emphasis on trauma from occlusion and occlusal correction.	

### Evaluation of Program and Course Outcomes attainment

**Program: MBBS**
**Date: Dec- 2018**
**Subject: Pediatrics**
**Program Outcome achievement**

Program Outcome	% of graduates achieving 60% or more in mapped items
PO1: Demonstrate knowledge of normal and abnormal human structure, function from a molecular, cellular, biologic, clinical, behavioural and social perspective.	63%
PO2 :Elicit and record a history, perform a physical examination and choose appropriate diagnostic tests relevant to disease identification, disease prevention and health promotion.	NA
PO3: Demonstrate ability to interpret available clinical and laboratory data and effective clinical problem solving, in order to generate differential diagnoses and develop individualized management plans.	72%
PO4: Prescribe and safely administer appropriate therapies based on the principles of rational drug therapy, scientific validity, evidence and cost effectiveness.	NA
PO5: Identify and refer patients who may require specialized or advanced tertiary care.	NA
PO6: Demonstrate knowledge of global and national health needs, health care policies, regulatory frameworks, economics and systems that influence health and well being.	56%
PO7: Function effectively as a health care team leader or member in primary and secondary health care settings.	NA
PO8: Communicate effectively and sensitively with patients, care-givers, colleagues and the public in a manner that will improve health care outcomes and patient satisfaction.	NA
PO9: Demonstrate ability to continue refining existing knowledge / skills, acquire new knowledge / skills and to select and pursue an appropriate	NA

career pathway that is professionally rewarding and personally fulfilling.	
PO10: Recognize and manage medico-legal, ethical and professional issues in medical practice.	NA
PO11: Demonstrate and practice integrity, responsibility, respect and selflessness.	NA

### Course Outcome achievement

<b>Course Outcome</b>	<b>% of graduates achieving 60% or more in mapped items</b>
CO 001: Describe normal growth and development during foetal, neonatal, child and adolescence period.	64%
CO 002: Describe the common pediatric disorders and emergencies in terms of epidemiology, etiopathogenesis, clinical manifestations, diagnosis, rational therapy and rehabilitation	64%
CO 003: State age related requirements of calories, nutrients, fluids, drugs etc. in health and disease	67%
CO 004: Describe preventive strategies for common infectious disorders, poisonings, accidents and child abuse	20%
CO 005: Outline national programmes relating to child health including immunization programmes	57%
CO 006: Take a detailed pediatric history, conduct an appropriate physical examination of children including neonates, make clinical diagnosis, conduct common bedside investigative procedures, interpret common laboratory investigation results and plan and institute therapy.	62%
CO 007: Distinguish between normal newborn babies and those requiring special care and institute early care to all newborn babies including care of preterm and low birth weight babies	71%
CO 008: Take anthropometric measurements, observe resuscitation of newborns at birth, prepare oral rehydration solution, perform tuberculin test, administer vaccines available under current national programmes, and observe venesection for infusion intravenous fluid and nasogastric feeding	NA
CO 009: Observe procedures such as lumbar puncture, liver and kidney biopsy bone marrow aspiration, pleural tap and ascitic tap	NA
CO 010: Provide appropriate guidance and counselling in breast feeding.	61%
CO 011: Provide ambulatory care to all sick children, identify indications for specialized/inpatient care and ensure timely referral to those who require hospitalization.	NA
CO 012: Be aware and analyse ethical problems that arise during practice and deal with them in an acceptable manner following the code of ethics.	NA