



RASHID LATIF DENTAL COLLEGE

Mailing Address: 35-Km, Ferozpur Road, Lahore.

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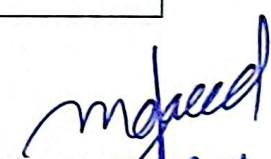
Fax: +92 49 2451099, Website: www.rlmc.edu.pk

SUBJECT-WISE CURRICULAR MAP

SKILL MAPPING

First Professional Year Integrated 2K25

Subject	Curriculum Outcome	Program Outcome Addressed	Level of Attainment	Assessment
Anatomy and Physiology	Correlate normal structure and function with clinical relevance.	Identify head and neck structures on dissected specimens, models and radiographs; record basic physiological parameters including pulse, blood pressure and respiratory rate.	Application of Knowledge	MCQs viva, objective structured practical examination
Biochemistry	Explain the biochemical basis of oral and systemic health.	Perform and interpret basic laboratory estimations including blood glucose, calcium and urine analysis using standard techniques.	Application of Knowledge;	MCQs viva, objective structured practical examination
Oral Biology and Tooth Morphology	Describe the development, structure and morphology of the dentition.	Carve normal tooth morphology in wax to acceptable form and dimension; identify and maintain instruments and workspace.	Application of Knowledge;	MCQs viva, objective structured practical examination
Behavioral Sciences	Explain the psychological and social determinants of oral health behavior.	Conduct a structured introductory interview showing empathy, active listening and appropriate non-verbal communication.	Communication and Interpersonal Skills	IMCQs objective structured practical examination
Islamiyat and Pakistan Studies	Relate Islamic and national values to patient service.	Present a reasoned argument on an ethical scenario drawn from health service delivery.	Professionalism and Ethics	structured examination
PRISME	Explain research design, referencing conventions and principles of self-directed learning.	Search dental literature using electronic databases and cite sources correctly and present a critically appraised summary.	Professionalism and Ethics; Clinical Reasoning	structured practical examination
CFRC	Explain the determinants of oral health at family and community level.	Conduct a supervised oral health needs assessment of an assigned family and deliver a tailored preventive advice session.	Health Promotion and Disease Prevention; Teamwork	structured practical examination


Prof. Dr. Muhammad Qasim Saeed
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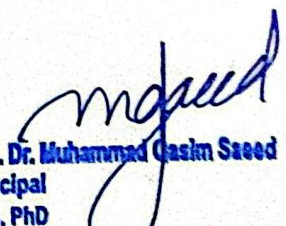
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Second Professional Year (Integrated 2K25)

Subject	Curriculum Outcome	Program Outcome Addressed	Level of Attainment	Assessment
Pharmacology	Calculate safe doses and prescribe rationally, avoiding polypharmacy.	Diagnosis and Patient Management; Patient Safety	Developed	MCQs viva, objective structured practical examination
Dental Materials	Select and manipulate dental materials to the required accuracy.	Application of Knowledge; Diagnosis and Patient Management	Skill development	MCQs, Objective structured practical examination
General Pathology and Microbiology	Explain disease mechanisms and apply sterilization and infection control.	Application of Knowledge; Patient Safety	Developed	MCQs viva, objective structured practical examination
Community Dentistry	Apply preventive dentistry and deliver oral health education to the community.	Health Promotion and Disease Prevention	Applied in community settings	Objective structured practical examination, community project
Behavioral Sciences	Conduct patient counselling, breaking bad news and conflict resolution.	Communication and Interpersonal Skills; Professionalism and Ethics	Practiced	Objective structured clinical examination
PRISME	Explain research design, referencing conventions and principles of self-directed learning.	Search dental literature using electronic databases and cite sources correctly and present a critically appraised summary.	Professionalism and Ethics; Clinical Reasoning	structured practical examination
CFRC	Explain the determinants of oral health at family and community level.	Conduct a supervised oral health needs assessment of an assigned family and deliver a tailored preventive advice session.	Health Promotion and Disease Prevention; Teamwork	structured practical examination


Prof. Dr. Muhammad Usman Saeed
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Third Professional Year (1200 hours)

Subject	Curriculum Outcome	Program Outcome Addressed	Level of Attainment	Assessment
General Medicine	Interpret systemic conditions and demonstrate basic life support.	Application of Knowledge; Diagnosis and Patient Management	Applied clinically	MCQs viva, objective structured clinical examination
General Surgery	Perform suturing and basic surgical techniques.	Diagnosis and Patient Management; Patient Safety	Supervised clinical practice	MCQs viva, objective structured practical examination
Oral Pathology	Differentiate benign from malignant lesions and justify the diagnosis.	Clinical Reasoning	Applied to diagnosis	MCQs viva, objective structured practical examination
Oral Medicine	Take a full history and examine systematically with reassurance.	Diagnosis and Patient Management; Communication and Interpersonal Skills	Applied with patients	MCQs viva, objective structured practical examination
Periodontology	Perform scaling and root planning and follow the patient to recall.	Diagnosis and Patient Management; Health Promotion and Disease Prevention	Supervised clinical practice	MCQs viva, objective structured practical examination
Clinical Operative	Prepare cavities and place simple restorations under rubber dam and asepsis.	Diagnosis and Patient Management; Patient Safety	Supervised clinical practice	Objective structured clinical examination, clinical viva
Clinical Prosthodontics	Design partial dentures and coordinate with the dental laboratory.	Teamwork	Supervised clinical practice	Objective structured clinical examination, clinical viva
Clinical Oral and Maxillofacial Surgery	Obtain informed consent and maintain medico-legal conduct.	Communication and Interpersonal Skills; Professionalism and Ethics	Applied in clinical settings	Objective structured clinical examination, clinical viva
General Education (Research, Humanities and Information Technology)	Write a research synopsis with honest appraisal and citation.	Clinical Reasoning; Professionalism and Ethics	Research planning	Synopsis submission and presentation

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Final Professional Year (1200 hours)

Subject	Curriculum Outcome	Program Outcome Addressed	Level of Attainment	Assessment
Operative Dentistry	Perform restorative and endodontic procedures through evaluated completion.	Diagnosis and Patient Management	Advanced clinical competence	MCQs viva, objective structured practical examination
Prosthodontics	Fabricate complete dentures and fixed prostheses across sequenced visits.	Diagnosis and Patient Management; Teamwork	Advanced clinical competence	MCQs viva, objective structured practical examination
Orthodontics	Interpret cephalometric radiographs and explain the biomechanics of tooth movement.	Application of Knowledge; Clinical Reasoning	Advanced clinical competence	MCQs viva, objective structured practical examination
Oral and Maxillofacial Surgery	Extract and anaesthetize safely and disclose and manage complications.	Diagnosis and Patient Management; Professionalism and Ethics; Patient Safety	Advanced clinical competence	MCQs viva, objective structured practical examination
Pediatric Dentistry	Manage the child, anxious and special-needs patient.	Diagnosis and Patient Management; Communication and Interpersonal Skills	Demonstrated independently	MCQs viva, objective structured practical examination
General Education (Research and Information Technology)	Complete and present a supervised research project or clinical audit.	Clinical Reasoning; Professionalism and Ethics	Project	Research project or audit report and presentation

Prof. Dr. Muhammad Asghar Saeed
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CLINICAL Credit Hours Allocations		
S.no.	Subject	PMDC & UHS Credit Hours Allocations
	Integrated Basic sciences	
1.	Preclinical Operative	Integrated UHS hours
2.	Preclinical Prosthodontics	
3.	Community and Preventive Dentistry	
3rd Year BDS		
1.	General Surgery	180 hours
2.	General Medicine	180 hours
3.	Oral Medicine & Radiology	150 hours
4.	Periodontology	180 hours
5.	Operative Dentistry	80 hours
6.	Oral & maxillofacial surgery	80 hours
7.	Prosthodontics	80 hours
8.	General Education	100
4 th year BDS		
1.	Operative Dentistry	250 hours
2.	Prosthodontics	250 hours
3.	Oral & maxillofacial surgery	250 hours
4.	Orthodontics	250 hours
8.	General Education	100
House job		
One-year clinical rotation in all aspects of dentistry		

Prof. Dr. Muhammad Asim Saeed
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ALIGNMENT OF PROGRAM OUTCOMES AND CURRICULAR OUTCOMES

Program Outcome	Curricular Outcome	Clinical Subjects / Rotations
1. Application of Knowledge	Apply dental sciences in clinical practice.	Preclinical Operative Dentistry; Preclinical Prosthodontics; Community and Preventive Dentistry; General Medicine; General Surgery; Oral Medicine and Radiology; Periodontology; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery; Orthodontics; House Job Clinical Rotations
2. Diagnosis and Patient Management	Manage common oral and dental conditions safely.	Oral Medicine and Radiology; Periodontology; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery; Orthodontics; General Medicine; General Surgery; House Job Clinical Rotations
3. Clinical Reasoning and Judgement	Interpret clinical information for appropriate patient care.	General Medicine; General Surgery; Oral Medicine and Radiology; Periodontology; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery; Orthodontics; House Job Clinical Rotations
4. Communication and Interpersonal Skills	Communicate effectively with patients and healthcare teams.	Community and Preventive Dentistry; General Medicine; General Surgery; Oral Medicine and Radiology; Periodontology; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery; Orthodontics; House Job Clinical Rotations
5. Health Promotion and Disease Prevention	Promote oral health and disease prevention.	Community and Preventive Dentistry; Periodontology; Operative Dentistry; Oral Medicine and Radiology; Orthodontics; House Job Clinical Rotations
6. Professionalism and Ethics	Demonstrate ethical and professional conduct.	General Education; Community and Preventive Dentistry; General Medicine; General Surgery; all clinical dental subjects; House Job Clinical Rotations
7. Teamwork and Collaboration	Collaborate effectively within healthcare teams.	General Medicine; General Surgery; Oral Medicine and Radiology; Periodontology; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery; Orthodontics; House Job Clinical Rotations
8. Research and Evidence-Based Practice	Appraise evidence and participate in supervised research.	Community and Preventive Dentistry; General Medicine; General Surgery; Oral Medicine and Radiology; Periodontology; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery; Orthodontics; supervised clinical audit and research activities

Stage	Expected Clinical Development
Preclinical Phase	Understand basic procedural skills in simulated and supervised settings.
Third Year	Demonstrate patients under close supervision while developing diagnostic and communication skills.
Fourth Year	Integrate and apply clinical knowledge across major dental disciplines with increasing responsibility.
House Job	Manage common dental conditions safely under supervision and demonstrate readiness for routine professional practice.

Prof. Dr. Muhammad Qasim Saad
Dean
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MAPPING PROGRAM OUCTOMES- Curricular Outcome- Curriculum

Program Outcome	Curricular Outcome	First Professional Year	Second Professional Year	Third Professional Year	Fourth Professional Year
Application of Knowledge	Apply dental sciences in clinical practice.	Foundation-I; Craniofacial-I; Cariology-I; Foundation-II; Craniofacial-II; Neurosciences-I; Alveo-Cemental Complex-I; Blood and Cardiovascular System-I; Gastrointestinal Tract; Occlusion-I; Anatomy; Biochemistry; Physiology; Oral Biology and Tooth Morphology	General Pharmacology; General Pathology and Microbiology; Science of Dental Materials; Operative Dentistry Preclinical; Prosthodontics Preclinical	General Medicine; General Surgery; Oral Pathology; Periodontology; Oral Medicine; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery	Orthodontics; Operative Dentistry, Endodontics and Pediatric Dentistry; Prosthodontics; Oral and Maxillofacial Surgery
Diagnosis and Patient Management	Manage common oral and dental conditions safely.	Cariology-I; Alveo-Cemental Complex-I; Occlusion-I; Clinical Foundation Rotation Clerkships	General Pathology and Microbiology; General Pharmacology; Operative Dentistry Preclinical; Prosthodontics Preclinical	General Medicine; General Surgery; Oral Pathology; Periodontology; Oral Medicine; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery	Orthodontics; Operative Dentistry, Endodontics and Pediatric Dentistry; Prosthodontics; Oral and Maxillofacial Surgery
Clinical Reasoning and Judgement	Interpret clinical information for appropriate patient care.	Foundation-I; Craniofacial-I; Cariology-I; Foundation-II; Craniofacial-II; Neurosciences-I; Alveo-Cemental Complex-I; Blood and Cardiovascular System-I; Gastrointestinal Tract; Occlusion-I	General Pathology and Microbiology; General Pharmacology; Science of Dental Materials; Operative Dentistry Preclinical; Prosthodontics Preclinical	General Medicine; General Surgery; Oral Pathology; Periodontology; Oral Medicine; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery	Orthodontics; Operative Dentistry, Endodontics and Pediatric Dentistry; Prosthodontics; Oral and Maxillofacial Surgery
Communication and Interpersonal Skills	Communicate effectively with patients and healthcare teams.	Foundation-I; Foundation-II; Professionalism, Research, Integrated Sciences and Medical Education; Clinical Foundation Rotation Clerkships	Behavioral Sciences; Community Dentistry; Preclinical dental activities	General Medicine; General Surgery; Periodontology; Oral Medicine; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery	Orthodontics; Operative Dentistry, Endodontics and Pediatric Dentistry; Prosthodontics; Oral and Maxillofacial Surgery

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Health Promotion and Disease Prevention	Promote oral health and disease prevention.	Cariology-I; Alveo-Cemental Complex-I; Professionalism, Research, Integrated Sciences and Medical Education; Clinical Foundation Rotation Clerkships	Community Dentistry; General Pathology and Microbiology; Behavioral Sciences	Periodontology; Oral Medicine; Operative Dentistry; General Medicine; Community-based clinical learning	Orthodontics; Pediatric Dentistry; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery
Professionalism and Ethics	Demonstrate ethical and professional conduct.	Foundation-I; Foundation-II; Professionalism, Research, Integrated Sciences and Medical Education; Clinical Foundation Rotation Clerkships; Islamiyat and Pakistan Studies	Behavioral Sciences; Community Dentistry; PRISME	General Medicine; General Surgery; Periodontology; Oral Medicine; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery	Orthodontics; Operative Dentistry, Endodontics and Pediatric Dentistry; Prosthodontics; Oral and Maxillofacial Surgery
Teamwork and Collaboration	Collaborate effectively within healthcare teams.	Foundation-I; Foundation-II; Professionalism, Research, Integrated Sciences and Medical Education; Clinical Foundation Rotation Clerkships	Behavioral Sciences; Community Dentistry; Preclinical dental training	General Medicine; General Surgery; Periodontology; Oral Medicine; Operative Dentistry; Prosthodontics; Oral and Maxillofacial Surgery	Orthodontics; Operative Dentistry, Endodontics and Pediatric Dentistry; Prosthodontics; Oral and Maxillofacial Surgery
Research and Evidence-Based Practice	Appraise evidence and participate in supervised research.	Foundation-I; Foundation-II; Professionalism, Research, Integrated Sciences and Medical Education	Community Dentistry; General Pathology and Microbiology; behavioral Sciences; Science of Dental Materials	Oral Pathology; General Medicine; General Surgery; Periodontology; Oral Medicine; clinical case discussions	Orthodontics; Operative Dentistry, Endodontics and Pediatric Dentistry; Prosthodontics; Oral and Maxillofacial Surgery; supervised research and clinical case appraisal