

# Master of Dental Surgery in Endodontics

## Learning Outcomes

Upon successful completion of the programme the candidate should:

1. Be able to assess a patient's general and oral health, and formulate a comprehensive treatment plan, which may include components from other dental disciplines;
2. Be able to apply the principles and perform the clinical procedures to a high technical standard for the management of endodontic lesions, both surgically and non-surgically;
3. Have in-depth knowledge and understanding of the relevant endodontic materials used, and their application in various clinical situations;
4. Be able to manage patients requiring emergency and remedial dental care related to causes of endodontic in origin and dental trauma;
5. Have knowledge and understanding of the relevant dental restorative materials, techniques and procedures commonly used in the restoration of, and the replacement of (failed) endodontically treated teeth;
6. Have knowledge of the principles of occlusion and its relationship to the clinical practice of endodontics;
7. Be able to integrate theoretical and practical knowledge in respect of the management of patients;
8. Be able to critically appraise the scientific literatures and manufacturers' advertising claims;
9. Be able to provide quality patient care based on the best scientific evidence available, and able to adopt novel therapeutic approaches based on new findings from well-controlled scientific studies.
10. Be proficient in providing clinical treatment under the surgical operating microscope; and
11. Be able to design, conduct, and evaluate a clinical or scientific research.

Curriculum: MDS(Endo)

1. Mapping of Programme Learning Outcomes (PLOs) against University Educational Aims (UEAs)

UEAs		PLOs		
	Indirect Evidence		Centrality	
			Core	Auxiliary
Critical intellectual enquiry and acquiring up-to-date knowledge and research skills in a discipline / profession	SLEQ	#7 #8	Y	Y
Application of knowledge and research skills to practice or theoretical exploration, demonstrating originality and creativity	SLEQ	#11	Y	
Tackling novel situations and ill-defined problems	SLEQ	#1 #4	Y	
Collaboration and communication of disciplinary knowledge to specialists and the general public	SLEQ	#3 #5 #6	Y Y	Y
Awareness of leadership to personal and professional ethics	SLEQ	#8 #9	Y	Y
Enhancement of leadership and advocacy skills in a profession	SLEQ	#2 #10	Y Y	

Core: PLOs considered central to the discipline or profession, and assessed

Auxiliary: PLOs considered to be important but not assessed