

COURSE CODE: EIMSUA31		EQF/MQF: 6
ECTS: 4		
Title of Unit	Research Methods in Dentistry	
Unit Description	This unit will enable the students to understand the research process in health care with a focus on the application to Dentistry. Students will receive knowledge on how to critically review relevant literature and to conduct research using various research methodologies	
Learning Outcomes	Competences: – at the end of the module/unit the learner will have acquired the responsibility and autonomy to:	
	At the end of the unit student will become familiar with the research process especially into the role of research in Health Care with particular reference to Dentistry. It also aims to give the student the skills to conduct a research project in partial fulfilment for the award of the degree, and to submit a relevant proposal related to the research study.	
	Knowledge – at the end of the module/unit the learner will have been exposed to the following:	
	<ul style="list-style-type: none"> - identify and describe the stages of the research process; - formulate research questions/objectives/hypotheses; - identify the various research methodologies that are able to test a hypothesis/research question and explore a previously identified issue; - understand the significance of the level of rigour to the validity and reliability of results/and or findings; - understand of the ethical obligations of research activities involving human subjects 	
	Skills – at the end of the module/unit the learner will have acquired the following skills:	
	<p>Applying knowledge and understanding</p> <p>The learner will be able to:</p> <ul style="list-style-type: none"> collect primary data; apply acquired knowledge of research ethics; generate statistical results; present a proposal, applying the research process to a specific topic. 	
<p>Judgment Skills and Critical Abilities</p> <p>The learner will be able to:</p> <ul style="list-style-type: none"> a) Develop scientific reasoning b) make professional judgements on ethical issues with respect the content area in this unit c) master problem-solving skills with respect to the differential identification of the content area in this unit 		

	<p>d) foster a disposition of respect towards future clients/patients and sensitivity for their medical needs</p> <p>e) promote the values of medical ethics that include the respect for patient autonomy, avoidance of harm, action that equitably promotes the health of the patient and of society.</p> <p>These values, dispositions, skills and judgements are inculcated as part of the incidental learning throughout the Unit.</p>				
Hours of Total Learning for this Unit	Total Hours	Contact Hours	Supervised Placement and Practice Hours	Self study	Assessment
	100	20	NIL	77	3
Mode of teaching	INTERACTIVE LECTURERS, WORKSHOPS				
Assessment	AF1				
Reading List	<p>Core Reading List</p> <p>Evidence-Based Dentistry: Managing Information for Better Practice. Richards, Derek. Quintessence publishing 2008. ISBN: 9781850971269</p> <p>Evidence-Based Dentistry for the Dental Hygienist. Frantsve-Hawley, Julie (editor)eBook Only. Quintessence publishing 2014. ISBN 9780867156461</p> <p>Evidence-Based Dentistry: An Introduction. Allan Hackshaw, Elizabeth Paul, Elizabeth Davenport. Wiley-Blackwell 2006. ISBN: 978-1-405-12496-6</p> <p>Evidence-Based Forensic Dentistry. Rai, Balwant, Kaur, Jasdeep. Springer 2013. ISBN 978-3-642-28994-1</p> <p>Writing the Literature Review A Practical Guide. Sara Efrat Efron and Ruth Ravid. Guilford Press 2018. ISBN 9781462536894</p> <p>Evidence Based Dentistry An Issue of Dental Clinics of North America, 1st Edition. Robert J Weyant. Elsevier 2018. ISBN: 9780323654968</p> <p>Evidence-based clinical practice. La pratica clinico-assistenziale basata su prove di efficacia. McGraw-Hill Education 2011. EAN: 9788838636738</p> <p>La pratica clinica dell'igienista dentale. Esther M. Wilkins Traduttore: G. M. Nardi. Piccin-Nuova Libreria 2020. EAN: 9788829930074</p>				