

DENT90068 Preclinical Dental Practice 3

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: February, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 115 (indicative) Total Time Commitment: 115 contact hours (indicative), 41 non-contact hours (indicative)
Prerequisites:	Successful completion of all 1st Year DDS subjects.
Corequisites:	None.
Recommended Background Knowledge:	None.
Non Allowed Subjects:	N/A.
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
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Subject Overview:	<p>This subject is comprised of two separate components of the oral rehabilitation of hard tissues and missing teeth.</p> <p>The first component is a continuation of pre-clinical conservative dentistry commenced in Preclinical Dental Practice 2. Topics will include: restorative management of teeth having lost extensive amounts of tooth structure, including the concept of the life cycle of a restoration and longevity of restorations; methods of designing and placing complex restorations based on basic principles including design of a restoration to prevent further loss of tooth structure; the method of auxiliary retention for restorations and continuation of the use and selection of appropriate materials.</p> <p>The second component of this subject covers removable prosthodontics for the replacement of missing teeth. Topics will include a brief review of the anatomical changes associated with the loss of teeth and supporting alveolar bone; the process of design and construction of removable partial prostheses to replace missing teeth. Students will also learn the process of planning treatment for patients requiring a removable prosthesis; the materials used for obtaining records of the oral cavity, the process of recording jaw relations and construction of a removable prosthesis; and the basic principles of root canal treatment of teeth and restoration of missing teeth with fixed prostheses.</p>

Learning Outcomes:	<p>On completion of this subject the student should:</p> <ol style="list-style-type: none"> 1 be competent in designing cavity preparations for badly broken down teeth/severely compromised teeth; 2 be able to self-evaluate the precision and accuracy of appropriate surgical removal of caries; 3 be able to select the correct restorative material which will best restore a tooth to its original form and function; 4 be able to restore a tooth to its original anatomical contour; 5 be able to evaluate and critically appraise clinical research evidence as it relates to longevity of dental restorations; 6 be able to demonstrate an understanding of concepts related to the risks and hazards of using instrumentation in the confined space of the oral cavity; 7 be able to make evidence based decisions on when to replace missing teeth in a partially edentulous person (including knowledge of the shortened dental arch concept); 8 comprehend the relevance of collection of information (history and examination) from partially edentulous patients; 9 comprehend appraisal of the patient requiring removable partial dentures; 10 develop laboratory technical skills of construction of partial dentures as applicable; 11 comprehend basic principles of fixed prosthodontics.
Assessment:	<p>2 x 2 hour practical exams on complex restoration procedures (20% each) - one at the end of Block 1 and one at the end of Block (40%) 1 x 2 hour written exam on pre-clinical conservative dentistry and removable prosthodontics (including dental materials) at the end of Block 2 (35%); 1 x 3 hour practical exam on removable prosthodontics at the end of Block 2 (25%).</p>
Prescribed Texts:	None
Recommended Texts:	<p>Banerjee A and Watson TF 2011 <i>Pickard's Manual of Operative Dentistry</i> 9th ed, Oxford University Press</p> <p>Carr AB and Brown DT 2010 <i>McCracken's Removable Partial Prosthodontics</i> 12th ed, Mosby</p> <p>Coluzzi DJ, Convissar RA 2007 <i>Atlas of laser applications in dentistry</i>, Quintessence Publishing</p> <p>Davenport JC et al 2000-2001 <i>Clinical Guide to Removable Partial Dentures</i> (series of articles in the British Dental Journal)</p> <p>Schwartz RS, Summit JB and Robbins JW 2003 <i>Fundamentals of Operative Dentistry. A Contemporary Approach</i> 3rd ed, Quintessence</p>
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>Students should:</p> <ol style="list-style-type: none"> 1 be able to access new knowledge from different sources, analyse and interpret it in a critical manner; 2 develop skills in effective communication with teaching staff and peers; 3 develop effective organisational skills and time management; 4 develop skills in team work and develop skills of workplace safety; 5 be able to identify and address their own learning needs.