


DENT90067 Child & Adolescent Oral Health 1

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: July, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 104 Total Time Commitment: 136 total hours - 104 contact, 32 non-contact
Prerequisites:	Successful completion of all 1st Semester (Teaching Blocks 1 and 2) 2nd 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>
Coordinator:	Dr Siew-May Loo
Contact:	Melbourne Dental School 4th floor, 720 Swanston Street Telephone: + 61 3 9341 1500 Email: enquiries@dent.unimelb.edu.au (mailto:enquiries@dent.unimelb.edu.au) http://www.dent.unimelb.edu.au/
Subject Overview:	<p>This subject is a continuation of Growth Studies which is a component of Oral Structure and Function 2 in first year. It will be conducted as a pre-clinical subject and has 2 components: Paediatric Dentistry and Orthodontics.</p> <p>In the specialty of Paediatric dentistry, student learning will include: oral diagnosis and treatment planning for children; sealants and preventive resin restorations; dental radiographic techniques pertaining to children and adolescents; restorative procedures in primary and mixed dentition; behaviour management of pre-cooperative children in a clinical setting; conscious sedation and general anaesthesia for young patients; techniques of administering local anaesthesia to young patients; fluoride therapies; cleft lip and palate; molar incisor hypomineralisation; pulpal therapy for children; oral pathology in infants and young children; gingivitis and periodontal disease in children; management of dento-alveolar trauma in children; dietary counselling for families; space maintenance; management of traumatic injuries in the primary dentition; crossbite management and infant's first dental visit.</p> <p>In the speciality of orthodontics, student learning will include the following: knowledge in applying common terminology related with dento-facial growth and development; endocrinology of human growth; appreciation of qualitative and quantitative measurements of growth and development; appreciation of the relevance of growth assessment in the clinical setting; identification of how occlusion develops from the primary to permanent dentition and arch</p>

	dimensional changes that occur in this time and familiarity with the use of common interceptive treatments and orthopaedics in treatment planning.
Objectives:	<p>On completion of this subject, students should be able to achieve the following:</p> <ol style="list-style-type: none"> 1 a patient-centred approach to patient care; 2 responsibility and safety in the dental management of young persons under their care; 3 effective communication with young persons in the dental situation; 4 an understanding of the importance of prevention, identification, assessment and treatment of oral diseases, as opposed to the episodic management of symptomatic oral problems; 5 accurate examination and accurate records, diagnoses and treatment plan prior to commencement of care of the young person; 6 an accurate production, interpretation and critique of intra-oral and extra-oral radiographs of the young patient; 7 appreciation of the value of maintenance of oral health after treatment of child and adolescents including those with advanced or complicated problems; 8 appreciation of the need for specialist referral for those patients who cannot be successfully managed in general practice; 9 management of the behavioural aspects of young patients in the dental setting. <p>Students should also:</p> <ol style="list-style-type: none"> 1 understand and apply the common terminology related to dento-facial growth and development; 2 understand the endocrinology of human growth; 3 understand that growth and development occur in an orderly process involving qualitative, quantitative changes over time; 4 appreciate that disruption to this orderly process can lead to disorders of the dento-facial region; 5 appreciate that these changes can be measured and assessed as the child grows; 6 understand the developmental changes that occur from infancy to early adolescence; 7 understand the concepts of pattern, variability and timing as related to the dento-facial region; 8 understand the psychosocial development of the newborn through to adolescence; 9 be familiar with the use of normal growth curves and percentile charts; 10 appreciate the relevance of growth assessment in the clinical setting; 11 have basic skills in identifying developing teeth radiographically and performing a basic cephalometric analysis; 12 be able to identify how occlusion develops from the primary to permanent dentition and arch dimensional changes that occur in this time; 13 be familiar with the use of common interceptive treatments and orthopaedics in treatment planning.
Assessment:	1 x 2 hour written exam on Paediatric Dentistry and Orthodontics at the end of Block 4 (60%). Continuous pre-clinical assessment of dental procedures pertaining to paediatric dentistry and orthodontics throughout Blocks 3 and 4 (40%).
Prescribed Texts:	Cameron AC and Widmer RP 2008 Handbook of Pediatric Dentistry 3rd ed, Mosby Hall RK 1994 Pediatric Oro-facial Medicine and Pathology. Chapman and Hall Medical Koch G, Poulsen S 2009 Pediatric Dentistry: A Clinical Approach 2nd ed Wiley-Blackwell McDonald RE, Avery DR and Dean JA 2011 Dentistry for the Child and Adolescent 9th ed Mosby Profit WR, Fields HW, Ackerman JL, Sinclair PM, Thomas PM and Tulloch JFC 2007 Contemporary Orthodontics 4th ed, Mosby Scully CM and Welbury R 1994 Color Atlas of Oral diseases in Children and Adolescents Wolfe Therapeutic guidelines – 2007 Oral and Dental. Therapeutic Guidelines Limited, Melbourne
Recommended Texts:	N/A.
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 workplace safety;
 - 5 be able to identify and address their own learning needs.