

DENT40005 Child and Adolescent Oral Health

Credit Points:	18.75
Level:	4 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Year Long, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 117 hours comprising 24 hours of lectures, 69 hours of case-based learning (CBL), clinic sessions and 24 hours of preclinical laboratory/PBL sessions. Total Time Commitment: Not available
Prerequisites:	Successful completion of all 3rd year BSc subjects.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
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Subject Overview:	<p>This subject comprises Orthodontics and Paediatric Dentistry.</p> <p>Orthodontics expands on the principles introduced in Growth and Development in Dental Practice 2 and Dental Practice 3. It emphasises recognition of normal and aberrant growth, skeletal and occlusal patterns and covers diagnosis of malocclusion, treatment planning and the biomechanics of tooth movement. Clinical activities are aimed primarily at interceptive treatment; however limited fixed appliance therapy is introduced.</p> <p>Paediatric Dentistry builds upon the principles of growth and development already covered in Dental Practice 2 and Dental Practice 3 and addresses the effects of physical and psychological growth and development on dental health and treatment of the child and the principles of diagnosis and treatment planning for the child. Preclinical experience and practice is gained in preventive and restorative procedures in primary and young permanent dentitions and the management of trauma is addressed.</p>
Objectives:	<p>On completion of this subject, students should:</p> <p>Be able to appreciate:</p> <p>a) the concepts of total patient care and the dentist's responsibility for the safe and effective management of young persons in the dental situation;</p>

	<p>b) the concept and practice of ongoing total patient care in the prevention, identification, assessment and treatment of oral diseases - as opposed to the episodic management of symptomatic oral problems;</p> <p>c) the necessity for accurate examination, diagnosis, treatment planning and accurate record-taking before commencing the care of child and adolescent patients whether or not they have advanced or complicated problems;</p> <p>d) the value of ensuring the maintenance of oral health after treatment of child and adolescent patients including those with advanced or complicated problems;</p> <p>e) the need for referral in those situations which cannot be successfully managed in general dental practice or require specialist advice or intervention;</p> <p>f) the importance of a preventive and minimal intervention approach to the treatment of routine dental disorders; and</p> <p>g) the behavioural and management aspects of child and adolescent patients.</p> <p>Have Developed:</p> <p>a) the skills and knowledge to act with safety and care within the dental surgery;</p> <p>b) through student-directed learning, a capacity for independent learning and for critical thinking and reasoning;</p> <p>c) skills in assessing human growth and development;</p> <p>d) skills in history-taking, clinical oral examination and patient management; and</p> <p>e) skills in intra-oral radiography and local analgesia administration.</p>
Assessment:	Continuing assessment throughout the year of pre-clinical and clinical work in Paediatric Dentistry and Orthodontics. (50%)An integrated multiple station Objective Structured Clinical Examination (OSCE) of no more than 25 minutes at the end of Semester 1 to be held in conjunction with an OSCE in each of Oral Rehabilitation, Oral Medicine, Pathology, Surgery and Special Needs Dentistry and Oral Health Practice. (15%)A 3-hour written examination in Paediatric Dentistry and Orthodontics at the end of Semester 2 . (35%)
Prescribed Texts:	Orthodontics : Athanasiou AE 1995 Orthodontic Cephalometry Mosby Graber TM, Rakosi T and Petrovic AG 1985 Dentofacial Orthopedics with Functional Appliances Mosby Houston WJB, Stephens CD and Tulley WJ 1992 A Textbook of Orthodontics 2 nd ed, Butterworth-Heinemann Moyers RE 1988 Handbook of Orthodontics for the Student and General Practitioner 4 th ed, Year Book Medical Publishers Profitt WR, Fields HW, Ackerman JL, Sinclair PM, Thomas PM and Tulloch JFC 2000 Contemporary Orthodontics 3rd ed, Mosby Paediatric Dentistry : Cameron A and Widmer R 2008 Handbook of Pediatric Dentistry 3rd ed, Mosby Wolfe Shaw L (ed) 1994 Self Assessment Picture Tests in Dentistry: Pediatric Dentistry Wolfe McDonald RE, Avery DR and Dean JA 2004 Dentistry for the Child and Adolescent 8 th ed, Mosby Rugg-Gunn A and Nunn J 1999 Nutrition, Diet and Oral Health Oxford Med Publ Scully CM and Welbury R 1994 Color Atlas of Oral Diseases in Children and Adolescents Wolfe
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:	<ul style="list-style-type: none"> # Professional communication; # Critical analysis and decision making; # Advocacy; # Counselling; # Psychomotor co-ordination; # Observation; # Leadership and teamwork; # Planning and organisation; # Time management; and # Problem solving.

Related Course(s):	Bachelor of Dental Science
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