

AAO Foundation Award Final Report

Principal Investigator	Carlos Flores-Mir DDS, DSc
Co-Investigator	
Secondary Investigators	
Award Type	Eugene E. West Memorial Fellowship Award
Project Title	Proposed Faculty Development Program
Project Year	2007
Institution	University of Alberta
Summary/Abstract (250 word maximum)	<p>As orthodontics is feeling slowly the pressure to use more evidence-based decisions in treatment planning and treatment decisions it is important to analyze the methodological quality of the systematic reviews published in orthodontics. Systematic reviews are the cornerstone of evidence-based orthodontics.</p> <p>The AAOF award allowed me to continue exploring the methodological quality of systematic reviews in orthodontics. I was able to publish one related analysis having another currently under review.</p> <p>The AAOF award was very important because it also provided me with funds to supplement my current salary. Although orthodontic education is my passion, the award decreased the level of economical stress associated with an early academic career and a young family and allowed me to focus more on my professional development.</p> <p>Product of this environment I was able to continue improving the evidence-based orthodontic courses I teach to our graduate students, being involved with private practitioners interested in the area and also attained an international recognition as it was shown when I was one of the main evidence-based orthodontics speakers in the past</p>

	<p>AAO in Denver.</p> <p>Finally the AAOF award has indirectly allowed me to start working in a web page project focused in providing clinicians and researches with a constantly updated search system that indexes almost all of the systematic reviews in dentistry.</p>
<p>Were the original, specific aims of the proposal realized?</p>	<p>Yes.</p>
<p>Were the results published? If not, are there plans to publish? If not, why not?</p>	<p>Yes.</p>
<p>Have the results of this proposal been presented? If so, when and where? If not, are there plans to do so? If not, why not?</p>	<p>Published:</p> <p>Korayem M, Flores-Mir C, Nassar U, Olfert K. Implant site development by orthodontic extrusion. Angle Orthod 2008; 78(4):752-60.</p> <p>Barnett GA, Higgins DW, Major PW, Flores-Mir C. Immediate Skeletal and Dentoalveolar Effects of the Crown- or Banded Type Herbst Appliance on Class II division 1 Malocclusion. Angle Orthod 2008; 78(2):361-9.</p> <p>Hussain A, Packota G, Major P, Flores-Mir C. Role of different imaging modalities in assessment of temporomandibular joint erosions and osteophytes: a systematic review. Dentomaxillofac Radiol 2008; 37(2):63-71.</p> <p>Rappoport K, Muller R, Flores-Mir C. Dental and skeletal changes during pressure garment use in facial burns: A systematic review. Burns 2007; 34(1): 18-23.</p> <p>Major MP, Major PW, Flores-Mir C. Benchmarking of Reported Search and Selection Methods of Systematic Reviews by Dental Specialty. Evidence-based Dentistry 2007; 8(3): 66-70.</p> <p>Accepted for publication:</p> <p>Bogowicz P, Flores-Mir C, Major PW, Heo G. Sequential analysis applied to clinical trials in dentistry: a systematic review. Evidence-based Dentistry (accepted for</p>

	<p>publication May 2008)</p> <p>Al-Daghreer S, Flores-Mir C, El-Bialy T. Long-term stability after craniofacial distraction osteogenesis. J Oral Maxillofacial Surg (accepted October 2007)</p> <p>Tunison W, Flores-Mir C, Nassar U, El-Bialy T, El-Badrawy S. Dental arch changes following premature loss of primary first molars. Pediatric Dent (accepted for publication August 2007)</p> <p>Van Elslande D, Russett S, Major PW, Flores-Mir C. Mandibular Asymmetry diagnosis through panoramic imaging. Am J Ortho Dentofac Orthoped (accepted for publication July 2007)</p>
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