

AAO Foundation Award Final Report

Principal Investigator	Keith Sherwood, DDS
Co-Investigator	
Secondary Investigators	
Award Type	Orthodontic Faculty Development Fellowship
Project Title	Orthodontic Faculty Development Fellowship
Project Year	2002
Institution	Nova Southeastern University College of Dental Medicine
Summary/Abstract	<p>Summery of work completed or in progress during funding period</p> <p>I. Presentations:</p> <p>Sherwood KH, Burch JG, Thompson WJ; Closing anterior open bites by intruding molars with titanium miniplate anchorage; American Journal Orthodontics 2002; 122; 6; 593-600.</p> <p>Sherwood KH, Burch JG, Thompson WJ; Intrusion of Supererupted Molars with Titanium Miniplate Anchorage. Angle Orthodontics; October 2003</p> <p>Sherwood KH, Skeletally Based Miniplate Supported Orthodontic Anchorage; American Journal of Oral and Maxillofacial Surgery; Accepted April 2004</p> <p>II. Research projects completed or in progress:</p> <p>A. Closing anterior open bites by intruding molars with titanium miniplate anchorage. (complete)</p> <p>B. Palatal implant for orthodontic anchorage to correct Class II malocclusions (in progress)</p> <p>C. Laser Doppler for assessing blood flow to anterior teeth and the premaxilla (IRB approved and in progress)</p> <p>D. Comparative effectiveness of LED light on bracket cementation strength (completed and presented at IADR</p>

meeting)

E. The Quadrilateral Analysis Derived Occlusal Plane as an Aid In Surgical and Orthodontic Treatment Planning (IRB approved, progress reported at IADR meeting)

F. Accuracy of the The Functional Occlusal Plane as Determined by the Quadrilateral Analysis. (completed, in final editing)

III. Presentation at Major Meetings:

As a direct result of the research work that was partially supported by the AAO Foundation I have presented 2 posters at the AAO annual meeting, and have been a major speaker at the AAO annual meeting including the "Rising Stars" section, the AAOMS annual meeting, the SAO annual meeting, and the Gianelly Symposium this past spring. I continue to accept requests for presentations at major national and state meetings to report on my research.

IV. Faculty Development

During the funding period I took numerous masters track education courses sponsored by Nova Southeastern University. These involved subjects such as student testing, course development, presentation techniques and grant writing.

I continued to work with my Department Chairman and Deans of Education and Students on developing and refining administrative skills necessary to direct and supervise an Orthodontic Residency.

I had 120 hours of resident and dental student lecture responsibilities which gave me great

experience in course development and refined my lecture skills.

I was Co-Director for the Nova Southeastern University Orthodontic Residency.