Each year, the American Academy of Periodontology (AAP) presents the Clinical Research Award, sponsored by Quintessence Publishing Company, to an outstanding published scientific study with direct clinical relevance in periodontics. The winning study must follow established scientific methods for a human study, be published in English in a scientific journal during the previous calendar year, directly apply to the practice of periodontics, and provide new information that can be readily used by practitioners in the evaluation of patients.


The study, which appeared in the February 2017 issue of Clinical Oral Implants Research, evaluated patients’ systemic conditions, implant characteristics, and clinical parameters to identify risk factors for peri-implantitis.

The characteristics and conditions of 183 patients and their 916 osseointegrated titanium implants were reviewed to identify local and systemic peri-implantitis risk indicators. The implants were placed within a 14-year time period and had to be in function for at least 1 year to be included in the study. The gathered data indicated that implant characteristics were not risk factors for peri-implantitis, but the risk was increased by a history of periodontal disease (×2.2), having cemented instead of screw-retained prostheses (×3.6), the presence of wear facets on prosthetic crowns (×2.4), and full-mouth rehabilitations instead of single ones (×16.1).

To view the study’s abstract, please visit https://www.ncbi.nlm.nih.gov/pubmed/26754342. For information about the AAP Clinical Research Award, please visit www.perio.org/members/ma/ma.html#clinical.

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