

2018 Clinical Research in Periodontology Award

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 2018 award recognized the study titled "Risk Indicators for Peri-implantitis. A Cross-Sectional Study with 916 Implants," by Haline Renata Dalago, Guenther Schuldt Filho, Mônica Abreu Pessoa Rodrigues, Stefan Renvert, and Marco Aurélio Bianchini (Clin Oral Implants Res 2017;28:144–150). The study authors accepted the award at the American Academy of Periodontology's 2018 Annual Meeting in Vancouver, British Columbia, Canada.

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.



(From left) Marco Aurélio Bianchini, AAP President Steven R. Daniel, and Guenther Schuldt Filho.

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 ($\times 2.2$), having cemented instead of screw-retained prostheses ($\times 3.6$), the presence of wear facets on prosthetic crowns ($\times 2.4$), and full-mouth rehabilitations instead of single ones ($\times 16.1$).

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.