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Advances in Esthetic Dentistry

Harald O. Heymann

Rade D. Paravina

Markus B. Blatz

University of Pennsylvania

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Advances in Esthetic Dentistry

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Dentistry

PREFACE

WILEY

Advances in Esthetic Dentistry 2021

Dear Colleagues,

We take great pleasure in introducing to you a special issue of the *Journal of Esthetic and Restorative Dentistry (JERD)* entitled, "Advances in Esthetic Dentistry." This new feature will be a recurring annual resource and a *JERD* reference library of the top clinical, research and review papers in esthetic dentistry. Our main objective is to provide a cutting-edge update and push the boundaries of interdisciplinary esthetic excellence in day-to-day dental practice. We also aim to bridge the gap that sometimes exists between clinicians/dental technicians on one end and researchers on the other, by providing *scientific evidence for clinicians and clinical relevance for researchers*.

Why are we pursuing this endeavor now? First and foremost, the interest in esthetic dentistry, both from the public and the dental profession, increased profoundly. When the keywords "(esthetics) and (dentistry)" were used for PubMed search, the number of published papers in the last three decades increased from 3230 (1990s) to 5140 (2000s) and 10,468 (2010s). The fact that *JERD* content is not limited to any particular specialty makes it a perfect medium for comprehensive self-calibration and fine-tuning of the ever-changing field of esthetic dentistry. The advantages and benefits for dental professionals are probably best illustrated by the variety of subjects in this issue. It ranges from general dentistry to different disciplines, multidisciplinary approaches, laboratory technology, and selected topics of interest such as adhesive dentistry, biomaterials, implantology, color and appearance, digital dentistry, and smile design. The *Advances '21* edition contain 24 clinical technique/case reports, original research and review articles, with 250 pages and 586 images.

Clinical technique articles and case reports offer a wide variety of information on significant achievements and improvements in interdisciplinary dental treatment, new technologies or practical approaches to recognized clinical challenges. The topics include a systematic approach to contouring and polishing the anterior composite restorations; update on direct-indirect composite veneers; long-term stability of soft tissue augmentation in treatment of severe maxillary ridge deformities; long-term management of avulsed permanent teeth; predictable immediate implant placement and restoration in the esthetic zone; esthetic biological contour concept for implant restoration emergence profile design; myths and realities of soft tissue grafting with the tunnel technique in the mandibular anterior; guidance on when to save or remove implants in the smile zone; interdisciplinary management of restorative space, color matching and tooth replacement with novel implant; objective color management by combining dental photography and numeric shade quantification; status and insights of tray bleaching; planning and executing a difficult case in a full digital workflow; digital approach to robust and esthetic implant overdenture construction; dental software classification and dento-facial interdisciplinary planning platform; new concept of smile design in orthodontics; and the role of customized appliances in orthodontics.

Original clinical and laboratory research articles are related to significance of immediate dentin sealing and flowable resin coating reinforcement for unfilled adhesive systems; and a digital workflow for complete arch restoration by a dynamic navigation guided surgery and prosthetics proof-of-concept technique. *Review articles* are a special treat for any journal. *Advances '21* proudly present six systematic literature reviews or comprehensive reviews of a given topic. These include probing the hierarchy of evidence to identify the best strategy for Class II composite restorations; relationship between chlorhexidine primer application and clinical performance of composite restorations; current concepts and clinical considerations of adhesive dentistry; contemporary diagnosis and management of dental erosion; 2D and 3D patient's representation of simulated restorative esthetic outcomes using different computer-aided design software programs; and a review of peri-implant phenotype and implant esthetic complications.

Authors for *Advances '21* were invited on the basis of their international reputation and prominence in esthetic dentistry. These authors include Edward P. Allen, Wael Att, Markus B. Blatz, Lorenzo Breschi, Stephen J. Chu, Christian Coachman, Lyndon F. Cooper, Terrence E. Donovan, Jonathan Esquivel, Newton Fahl Jr., Jack L. Ferracane, Iñaki Gamborena, Dan Grauer, Van B. Haywood, Sascha Hein, Pascal Magne, David P. Mathews, Jorge Perdigão, Carlo Poggio, Alessandro Pozzi, Andre V. Ritter, David M. Sarver, Frank M. Spear, Dennis P. Tamow, Marcos A. Vargas, and Hom-Lay Wang. We also extend a special thank you to all co-authors for their valuable contributions. Assembling such a dream team in just a few months, with an invitation acceptance rate of nearly 100%, has been a huge encouragement and an indicator that we are on the right track.

Advances in Esthetic Dentistry is here to stay. Enjoy the inaugural issue and stick around for *Advances '22* and beyond. Each new issue will offer up-to-date, evidence-based information pertinent to the integration of dental esthetics into oral health care, from "bread and butter dentistry" to highly specialized and interdisciplinary topics. We will do our best to generate many take-home messages on how to get to the next level in your office/lab.

Last but not least, we would like to make this a collaborative effort. Please send your comments and suggestions, including topics of interest, to jerd_advances@wiley.com.

Harald O. Heymann, Co-Editors
Rade D. Paravina, Co-Editors
Markus B. Blatz, Co-Editors

*JERD Advances in Esthetic Dentistry***Correspondence**

Rade D. Paravina

Email: rade.paravina@uth.tmc.edu

Journal Update

As an official publication of the American Academy of Esthetic Dentistry, International Federation of Esthetic Dentistry, Society for Color and Appearance in Dentistry, and several other prestigious professional groups, the *Journal of Esthetic and Restorative Dentistry* has a leading role in the field. Indeed, *JERD* grew from five papers per issue and six issues per year, to eight journal issues annually with anticipated publication of over 120 papers in 2021. The growth in quantity has been complemented by the growth in quality. *JERD* is the only journal devoted to esthetic dentistry that has an Impact Factor, and we are currently ranked 45th among only 91 dental journals with an *IF*. The current *IF* of 1.79 represents a 121% increase as compared to 0.81 in 2014.

“We are what we repeatedly do. Excellence, then, is not an act, but a habit.” This quote by Will Durant truly epitomizes Dr. Harald Heymann's 22 years of leadership and service as *JERD* Editor-in-Chief. He will retire effective June 30, 2021, riding off into the sunset with the journal at an historic peak. He has created a lasting legacy for generations of dental professionals, authors and readership, while being an inspiration and a role model for his successors.

The Journal is very pleased to announce that Dr. Rade Paravina will be our next Editor-in-Chief. Dr. Paravina is an icon in the realm of color and appearance in dentistry. He is highly regarded and respected by researchers and clinicians alike, which is critical in networking with authors and reviewers worldwide. Dr. Paravina has served as the Associate Editor of the *JERD* since 2017 and we are honored and excited that he will serve in this new capacity. He has high aspirations and exciting plans for taking the Journal to the next level of publication excellence.

To meet our increasing responsibilities and to look to the future, we are extremely pleased that Dr. Markus Blatz has recently joined our team as Associate Editor. Dr. Blatz brings a wealth of knowledge and his reputation for research and publication excellence is stellar. We feel that having him on-board, especially at a time of such amazing growth for the journal, will greatly aid in reaching our strategic goals in years to come.

Strong and timely support from the Wiley's editorial team greatly contributed to journal success. We thank Michelle Martire, Reeni Sunder, Jayapriya Baladandapani and Wiley's wonderful editors, Kate Lavalley and Rosie Hutchinson.

With such a talented team, it is our intent to continue working very hard to ensure that the journal continues to grow in both recognition and distinction. We look forward to the future with excitement and a desire to prove that the best of *JERD* is yet to come!