

Marginal seal in traditional, adhesive and digital dentistry: When is it clinically acceptable?

The problem about clinical acceptability of the margins is still an open issue.

We, as dentists, are daily pushed by the Industry and socials and media, to adopt 'new' clinical procedures and new devices, but often there is a lack of scientific evidence to support them.

During the presentation the different 'hot' topics of restorative dentistry such as 1. type of preparation of finishing lines (vertical vs horizontal prep), 2. Cervical Margin Relocation, and 3. New available prosthodontic materials and 4. the use IntraOral Scanner to take the final impression of natural abutments will be covered and, of course, correlate together to provide clinical advices for daily dentistry.

Advantages and limits of all above mentioned procedures will be shown, from technical and material point of views and in particular in relation with the periodontal tissues and their clinical behavior and response. It is not possible to get a prosthodontic success without a proper biological intergration of periodontal tissues.

Recent scientific knowledge and clinical experience will be examined to support conclusions about what clinical behavior is, right now, indicated.



Marco Ferrari

Marco Ferrari, graduated at School of Surgery and Medicine, of University of Pisa in 1983 and in General Dentistry degree in 1987 at University of Siena. In 1997-8 he attended the PostGraduate Program in Prosthodontics at Tufts University di Boston. In 1995 he took his PhD degree at University of Amsterdam, defending a thesis on "Bonding to dental structures".

In the meantime he started his carrier at the School of Dental Medicine at Tufts University of Boston and he was appointed progressively from Clinical Instructor to Assistent Clinical Professor, Associate Clinical Professor and finally Research Full-Professor during the academic year 1999-2000.

In June 2001 Prof. Ferrari proposed and implemented the PhD program in 'Dental Materials and their clinical applications' at University of Siena. He is now Past President of the National Conference of Schools of Dental Medicine and Secretary of Italian College of Professors in Dentistry.

He is actually Professor of Prosthodontics and Restorative Dentistry, University of Leeds, Visiting Professor at Rochester University, Eastman Center, USA, and Xi'an University, 4th Biomedical University, China.

Prof. Ferrari was member of the Board of Accademia di Conservativa, and of Società di Odontoiatria Conservatrice and Italian Society of Osteointegration.

Actually he is Past-President elect of Academy of Dental Materials and Past President of European Federation of Conservative Dentistry and Past-President of Continental European Division (CED) of International Association of Dental Research (IADR). He is now Tresuer of Dental Materials Group of IADR.

He was in the editorial board of several international dental journals with impact factor (such as Journal of Dental Research, Journal of Dentistry, J Endodontics, Journal of Adhesive Dentistry, American Journal of Dentistry, Dental Materials, Acta Odontologica Croatia, J Oral Sciences, Restorative Dentistry,) and he acts as referee of other 10 peer-reviewed impact factor dental journals. He is Scientific Editor of International Dentistry South Africa and Associate Editors of Prosthodontic Research & Practice and Clinical Editor of World Journal of Dentistry.

Actually his research field is mainly oriented to clinical trials on implants, restorative and prosthodontics.

