

Post endodontic reconstructions in the digital era

The reconstruction of endodontically treated teeth should be routinely accomplished by adhesive procedures, both in direct and in indirect ways. In these cases, the residual tooth structure is very limited and careful attention should be paid to preserve sound tissues. Many studies advocated a superior performance of complete vs. partial restorations, but many of these reports should be reviewed.

Inlay, onlay or overlays are the most recognized type of indirect partial reconstructions; they are made by different materials. Composite, glass and feldspatic ceramics are now available for modern CAD/CAM chairside devices and all of them are suitable to make indirect restoration; longitudinal studies report excellent outcome results and, the improvement of these techniques might encourage further types of reconstruction, particularly those named "endocrowns".

A comprehensive and fully documented overview on indirect partial extensive adhesive restorations, with or without intracanal adhesive endo-posts, will be proposed as a reliable alternative to complete prosthetic crowns in all posterior teeth, to preserve sound tooth structure and to supply a better interface with all the periodontal tissues.



Massimo Gagliani

He got the Degree in Medicine in 1983. Specialty in Dentistry on 1987, Specialty in Orthodontics in 1989. He devoted his research activity on Restorative Dentistry and Endodontics since 1990. He became Researcher at the University of Milan in 1992; in the same University was upgraded to Associate Professor in 2000.

Actually he is the chief of the Restorative & Endodontics Dept. at the Dental School "Giorgio Vogel", DDBS, University of Milan.

He is an Active Member of the major international and national Society on Restorative & Endodontics such as: ESE, AAE, AIC, SIE, SIDOC. He is one of the five founders of the Digital Dental Academy (DDA).

He published in all the major international journals several papers on Restorative & Endodontics topics. He also published chapters and was Editor in several books on Restorative and Endodontics topics. He is Member of the Editorial Board in some of the most respected Italian journals and Scientific Coordinator for Editorial Group EDRA (active also in Poland and Spain) publisher of: Dental Cadmos (the oldest journal in Dentistry published in Italy) and of the website www.Odontoiatria33.it ; formerly he was Editor in Chief of the Italian Journal of Endodontics (Giornale Italiano di Endodonzia).

