



Aesthetic and Functional Restorative Parameters for the Worn Dentition

Epidemiological studies have reported an increasing prevalence of tooth wear. Although many patients seek dental treatment with esthetic complaints, tooth wear leads to significant biological, biomechanical and functional issues, such as tooth hypersensitivity, reduction of tooth rigidity, loss of anterior guidance, and decrease of occlusal vertical dimension accompanied by dentoalveolar compensations. Depending on the tooth wear severity, the treatment can become complex and have relevant biological and financial implications. The dentist must understand all the etiologic factors for every patient in order to take rational decisions to improve the life expectancy and reduce the risks of natural and restored dentition, determining when and how to prevent, monitor or to treat. This course aims to present the best available evidence-based guidelines in order to help clinicians to make proper decisions during the treatment planning and restorative design, discussing strategies for rehabilitation, material selection, and the procedures indicated to restore tooth structure, improve the functional relationships and control the etiologic factors.

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He graduated in 1988 from the University of Sao Paulo, where he also obtained his certificate, MS, and PhD in prosthodontics. He worked as clinical instructor in the Department of Prosthodontics of the same university for 17 years. He was also associate professor of prosthodontics at University Braz Cubas and University of Guarulhos, both in Sao Paulo.

Marcelo Calamita is the former president of the Brazilian Society of Esthetic Dentistry and Brazilian Academy of Esthetic Dentistry. He was editor-in-chief of the Dental Press Brazilian Journal of Esthetics and currently serves on the editorial board of the International Journal of Periodontics and Restorative Dentistry and International Journal of Esthetic Dentistry, Brazilian editions. In addition, he has lectured nationally and internationally, written numerous scientific publications and chapters in textbooks on treatment planning, function, and esthetic dentistry. He also maintains a private practice in Sao Paulo focusing on comprehensive restorative, esthetic and prosthetic dentistry.