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New logic language paradigm in dentistry: Symmetry or non-symmetry; that is the question

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The actual paradigm in dentistry is based on subjective contexts and biomarker data. The first relates to individual perceptions both the patient as the Masticatory Efficiency that the dentists as Clinical Evaluation but remain cognitive objects sometimes influenced by various external inputs. The latter tend to give an objective answer extrapolating an interpretation by an instrumental on data such as EMG, MR etc. This data taken individually undergo two criticisms: The first is the deep knowledge of the physical phenomena underlying the diagnostic procedure. The EMG interference pattern, e.g., is an electrophysiological stochastic event and therefore few predictable. The other is the context in which the data is taken. Mastication is a complex system and it consists of a set of constituent elements which interact with each other to determine an emergent behavior of the system itself, therefore, impossible to describe it through a single datum. The new paradigm focalize the trigeminal CNS analyzing the motor evoked potentials, brainstem reflexes and a neural network determining a new paradigm of logic language. Some clinical cases will be presented to verify the difference of clinical approach

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Clinical evaluation of direct composite veneering system for anterior cosmetic treatments with case presentation

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A variety of treatments exist to treat the anterior teeth defects in order to provide patients with a beautiful smile. Among these methods, treatments by acrylic resins, composite veneering restorations, ceramic laminates and full ceramic or porcelain fused to metal crowns can be mentioned. Generally, the majority of dentists and patients prefer more conservative dental cosmetic treatments e.g., direct or indirect veneer restorations are usually preferred to full ceramic dental crowns. The purpose of this study is clinical evaluation of direct composite veneering system for anterior teeth which is considered as one of the conservative cosmetic treatments to provide an aesthetic smile. 50 composite facing cases which have been performed in the author's private clinic are presented in this study. These cases refer to different dental defects such as treatments of diastema between anterior teeth, dental crowding, dentogingival discrepancies and discolorations like tetracycline stain or dental fluorosis, rehabilitation of fractured teeth or dental caries. These 50 cases will be presented with before and after photos in this study.

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