AN INTERDISCIPLINARY MEANS TO THE MANAGEMENT OF COMPLEX DENTAL CONDITIONS.

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Abstract:

Management of complex cases is a painstaking process based on problem-oriented treatment planning. Executing this plan with proficiency dictates the effective collaboration between various dental disciplines. This case illustrates the detailed management of a 27-year old Saudi male patient with high caries risk factors. Other distinct findings include; missing, carious, super-erupted teeth and several substandard root canal treatment.

Introduction

The success of functional and esthetic restorations in a case requiring full mouth rehabilitation is often dependent on our understanding of interdisciplinary concepts. With every patient being unique and representing a special blend of age, personality characteristics as well as expectations, our knowledge of interdisciplinary concepts can open a whole range of treatment options and outcomes. Today, every dental practitioner must have a thorough knowledge of the roles of these disciplines in producing an esthetic makeover, with the most conservative and biologically- sound interdisciplinary treatment plan.
The aim is to provide an organized and systematic approach to optimize diagnostic, treatment planning and resolve esthetic and functional problems in provisional, which is an essential blue print to the final restorative treatment.

Prosthodontic Challenges – Pink Porcelain

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Abstract:

One of the challenges that a prosthodontic faces is the replacement of anterior teeth in areas of significant ridge deformities. A clinician in this case does not aim to meet the patient's high esthetic expectations only, but also to restore teeth function. Gingival replacement is considered a component of comprehensive prosthetic management. As a result, a clinician must understand all the available options and limitations without the need of a surgical procedure in case of its contraindication or patients refusal. Use of pink porcelain offers a satisfying resolution for both the patient and clinician. It provides an esthetic and symmetric result with the availability to disguise the defect. When correctly understood and utilized, pink porcelain can reestablish the anatomy of lost tissue and thus aid in the reproductions of the color and texture of the patient's gum line. This poster discusses the case of a 55 year old female complaining of grade III mobility of the lower anterior teeth due to chronic severe periodontitis resulting in vertical ridge defect in the lower ridge following surgical extraction. In addition to substandard RCT and defective PFM crowns requiring full dental rehabilitative treatment.

Objectives:

The aim of this treatment was to halt the disease causing the defect, replace the deformity, and provide an esthetic smile that satisfies both the patient and clinician. The patient's demand of an inexpensive, transient treatment without extensive periodontal surgery was the determining factor in the choice of the treatment method and material used. Pink porcelain ensured that the patient's request was full-filled and provided the clinician with a predictable approach through which restoration was esthetically and functionally achieved.