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The multidisciplinary approach the role of surgery for the management of comprehensive dental rehabilitation

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No one could deny the key role a healthy smile plays in an individual's life, touching various aspects from function (chewing and nutritional intake as well as proper speech) to esthetics and emotional well-being. With the today's cutting edge advancements in healthcare, it is absolutely not acceptable for a patient to be held emotionally and socially hostage to his missing teeth or unharmonized smile. The journey is not always simple and straight forward, sometimes achieving a healthy smile could mean a comprehensive rehabilitation in which a multidisciplinary approach is needed, it all starts with a healthy and stable foundation and this is where the oral and maxillofacial department plays a role. In this study we stress on the importance of a multidisciplinary teamwork for the comprehensive dental rehabilitation. We have collected several cases from simple knife edge ridges and mandibular tori to cysts and tumors; we will show case the role an oral and maxillofacial surgery plays in the establishment of a healthy and stable alveolar ridge. Statement of the problem: it is seldom that dental rehabilitation is straightforward,

most often surgical intervention is mandatory prior to the prosthodontics role. Hence it is of paramount importance that such cases are approached with a multidisciplinary team. Methodology: retrospective cross-sectional study of 20 cases that needed comprehensive surgical and prosthodontics rehabilitation were approached with our multidisciplinary team including prosthodontics and oral and maxillofacial surgeons. Cases included cyst, tumors, bony defects, clefts and bony exostosis as well as trauma. Finding: it was found that handling cases with a multidisciplinary team benefited both patient and physicians. The patients were fully informed and comfortably transitioned through the different stages of treatment into a healthy harmonious smile. Conclusion: all patients needed surgical intervention including cystic enucleation, alveoplasty, bone grafting and other surgical modalities. Having a multidisciplinary approach made it efficient for both surgeon and prosthodontics to formulate a treatment plan aiming at improving the patient's quality of life.

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