Orthodontics biomechanical control in pediatric patients using NALI-I and NALI-II appliances

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Many of patients who are seeking orthodontic treatment are children. Most of them can be treated by pediatric dentists. The pediatric dentists as well as the orthodontists have to know the growth and development of the skull and the face; also they have to know the principles of biomechanics. So they can deliver the appropriate treatment for the patients and achieve satisfactory results to the patients, parents and the operator him/herself. In children, partial orthodontic appliances are used which are biomechanically different than complete orthodontic appliances. Also, the anchorage control in children is difficult and critical. Space closure should be managed with particular care. It’s difficult to use interact mechanics with partial appliances. Most of these biomechanical difficulties can be overcome by the use of NALI-I and NALI-II appliances which aid in biomechanical control in three dimensions (transvers, anteroposterior and vertical) and also aid in simplifying space management.

Biography

Ali Aljuhani has completed his Bachelor degree in dental surgery from King Abdulaziz University. He completed his Master degree in health services and hospital management from King Abdulaziz University and also got Fellowship in dental implant from University of Nevada Las Vagus. He then completed his externship program in dental implants at California Implant Institute. He is currently pursuing his Residency at Saudi Board of Orthodontic and Dentofacial Orthopedic.

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