

Occlusal interferences and temporomandibular joint disorders, diagnostics and treatment

Firas Hamzeh

The Dental Studio, Hollywood Smile Clinic, UAE

In diagnosing patients with possible TMD it is necessary to acknowledge the great variety of causes of orofacial pain and dysfunction. The treatment of the temporomandibular joint disorders can vary from simple self – care techniques to complex multidisciplinary procedures including the splint therapy which is one of the first steps in TMJ disorder treatment. It is very important to have an idea about the functional anatomy of the TMJ, understand the musculo-skeletal stable position of the condyle in the fossa, The understanding of the CPI and the interpretation of the CO/ CR discrepancy after mounting on the articulator, and the map of pain of ROCABADO, in addition to these diagnostic tools we need to understand the radiological diagnosis of the TMJ, the different stages of degenerative joint disease and disc pathology progression. The good understanding of the TMJ and the relations between the seated condyle and the stable occlusion lead us to the right way to treat TMD patients with occlusal interferences. In this lecture we'll discuss the diagnostic tools that we use in TMD cases, occlusal analysis and treatment options that affect the occlusion and maintain the condyle in a musculo -skeletal stable position with the use of the centric splints and the importance to use the distraction splints with the help of the physiotherapy

Biography:

Firas Hamzeh started his postgraduate training program at the university of Nantes -France in 1994. He obtained his first certificate of advanced studies in dental materials used in dentistry in December 1995 and his certificate of high studies in dento facial orthopedics in 1997. At the same university, while he was studying this certificate he started his diploma in orthodontics in 1996 and he obtained his Masters in 1999. Hamzeh moved to Dubai in 2000 and he started his practice in the private sector, he started to use the self ligating brackets with the Damon system in the year 2004 and he continued his advanced training with Damon system with best ormco's educators then he became an exclusive user of Damon system in his practice Since the year 2008. He's one of KOL with Damon system and Insignia in the middle east. Firas Hamzeh had advanced knowledge in Orthodontic digital solutions. Hamzeh is recognized as an early adopter and advocate of innovative orthodontic systems including aligners and digital custom brackets INSIGNIA BRACES (he was also the first Insignia user in the middle east) his first case was in 2012 .in addition to being KOL (key opinion leader) for ORMCO and an international Ormco speaker on INSIGNIA the Damon system . In addition to this he loves to treat the TMD cases because he has been following a lot of training program in occlusion and TMJ including the ROTH Williams philosophy .He completed his postgraduate training program in TMJ, occlusion and orthodontics – San Sebastian, Spain. Since 2013 he's treating patients with temporomandibular joint disorders

Dr. Hamzeh has presented in so many international orthodontic conferences, his main focus in his lectures is the digital orthodontics