Advanced Dentistry 2020: Application Of The Gothic Arch Tracer In Edentulous Patient With Bilateral Condylar Aplasia - Dr. Abdulkader Aljarrah- Saudi Arabia

Dr. Abdulkader Aljarrah

Abstract

There are many techniques to record centric relation (CR) in edentulous subjects. The graphic technique or Gothic Arch Tracing is Needle-point Tracing as “the pattern obtained on the horizontal plate used with a central bearing tracing device”.

In this report, an edentulous patient presented with a chief complaint of unsatisfactory mandibular denture retention. Clinical examination showed severely atrophic mandibular ridge. Extra oral examination revealed retruded chin, both condyles could not be detected with palpation. Radiographically, bilateral missing mandibular condyles was revealed. The daiagnosis of bilateral condylar aplasia was established.

A Gothic Arch Tracer was utilized in this case for CR registration where maxillary complete denture and mandibular implant supported overdenture have been constructed. Gothic Arch Tracer processes can save valuable chair and clinician time. Additionally, Gothic Arch Tracers help avoid patient discomfort and dissatisfaction by outlining the ideal denture occlusion for the laboratory prior to fabrication and create accurate and well-fitting dentures.

Biography

Dr. Abdulkader Aljarrah has completed his MSc and clinical training residency in 1995 from the University of Alabam at Birmingham, USA. He is a consultant and division head of Prsthodontics at King Abdulaziz Medical City. He has presented in dental conferences and publsihed his works in peer-review journals. Moreover, he has been practicing prosthodontics since his graduation.

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