

25<sup>th</sup> Euro Congress and Expo on

# DENTAL & ORAL HEALTH

October 16-18, 2017 | Budapest, Hungary

## Hatim's Matrix Band

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From being one of the dentists; I have been thinking for creating an instrument to help in restoring the most difficult types of dental caries, (CLASS II Cavity), because it is a caries related to the teeth adjacent to it, which make it difficult to restore it and for that reason we are using an instrument in restoring this type of caries. So in which that instrument be easier, flexible and integrated than what is now available in dental clinics. Therefore, when looking to the instruments which are using in dental clinics now-a-days for restoring (CLASS II CAVITY), we find dis-advantages including the following: Most of it does not take the form of tooth curvature or not formed on the form that required to make the filling compensates of caries of the tooth properly and intimate fit to the composition of the tooth, which prevents future caries due to lack or increase the filling of the caries cavity as well as do not maintain the distance between teeth, making it difficult in using of dental floss and so on. And most of these instruments cause injury and damage gingival structure due to a thickness of the unit of these instruments and its types are completely incompatible with the gingival pockets, which is necessary to allowing entering these instruments, especially if the caries is under CEJ. The innovative instrument has the following characteristics: It has a strong ability to form around the tooth, which gives a great ability to take the form of filling cavity only, which makes it easy to keep the distance between the teeth to be cleaned and thus prevent the occurrence of any subsequent caries. And does not cause any injuries to the gingiva because it is too thin and sharp so easily flow it in the pockets of gingiva, especially When decay is below the CEJ line .And also the instrument is hydrophobic, which helps to prevent the arrival of liquids to the cavity and this is important for the success of filling. Marketing quality is possible because this instrument is disposable material and very symbolic value also I has been formed a good number of them and use it in phantom, which proved the feasibility of the idea and its effectiveness.

## Biography

Hatim Barrak A.AIOsaimi completed his BDS from Prince Sattam bin Abdulaziz University "PSAU", Alkharj, KSA with GPA is 3.85 out of 5.00. Work with Sattam Bin Abdulaziz University, AlKharj, KSA - 2015, June - 2015, Oct also join as an intern at Prince AbdulRahman Advanced Dental institute , Riyadh, KSA- Oct, 2015 – Feb 2016. He is a Head of 7th Dental Conference At Prince Sattam Bin Abdulaziz University- 2016. He is an Organizer in Community Dental Program ( MUSHREQAH I ) At Alkharj City – 2013.

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