

Gold, Porcelain and composite: Which one to chose, esthetic or functional durability?

Huda Masoud and Urs Kuhne
European University College, Germany

Scientific Paper discuss the differences 'in function and aesthetic prospective' between three restorative materials "Composite, Gold, Ceramic" and the parameters of selection.

Which on of the three Materials serve as a best filling material based upon there properties ? which one of them is the best aesthetically and functionally in dental practice. what are the factors that affect the selection of restorative material ?

Results:

Composite fillings are strong, but may not be as hard wearing as amalgam fillings. Gold inlay and onlay can be used in most areas of the mouth. Gold is the most long-lasting it does not tarnish and has great strength. one disadvantage of Gold restorative Material is that, is made in a laboratory, an impassion of the prepared one which make it uncomfortable choice for most patients, as well as its expense.

Porcelain inlays with the help of digital technology (called CAD/CAM) which can be used to design and prepare perfectly fitted porcelain inlays in just one or two visits. Porcelain can be hard wearing and long lasting with superior colour matching to tooth which making it quite expensive.

Conclusion:

We have come a long way in dentistry with different materials that have been offered to patients, from amalgam, which is not used anymore to Gold, to Resin-based filling materials and laser cavity preparation and one visit Onlay and inlay!

The selection of an appropriate restorative material depends on the case selection. several parameters must be taken in consideration, like "aesthetic, function durability, and skills of practitioner, as well as the financial ability of the patient".

Biography:

Huda Masoud is a general dentist, Dedicated, energetic licensed D.D.S with 4 years experience with vast knowledge of clinical procedures and medical and dental terminology. Prosthodontics, Endodontics, Periodontics and cosmetic Dentistry expert. Highly motivated, dedicated and committed to providing the best possible care with the best possible service. Experienced in all varieties of procedures desired in a professional family.

She have studied in Dental school for 5 years and made an internship in her home town Benghazi\Libya, after that she worked for about year and half at private clinic there until she moved to Dubai in 2013 and made her Diploma in advanced dentistry in European Dental College, Dubai, UAE. Before that she volunteered with the 'Red crest' as general dentist for homeless and Handicapped. In 2015 she moved to Germany to achieve more educational goals. She worked now as a general Dentist in one private clinic in Hamburg, Germany.