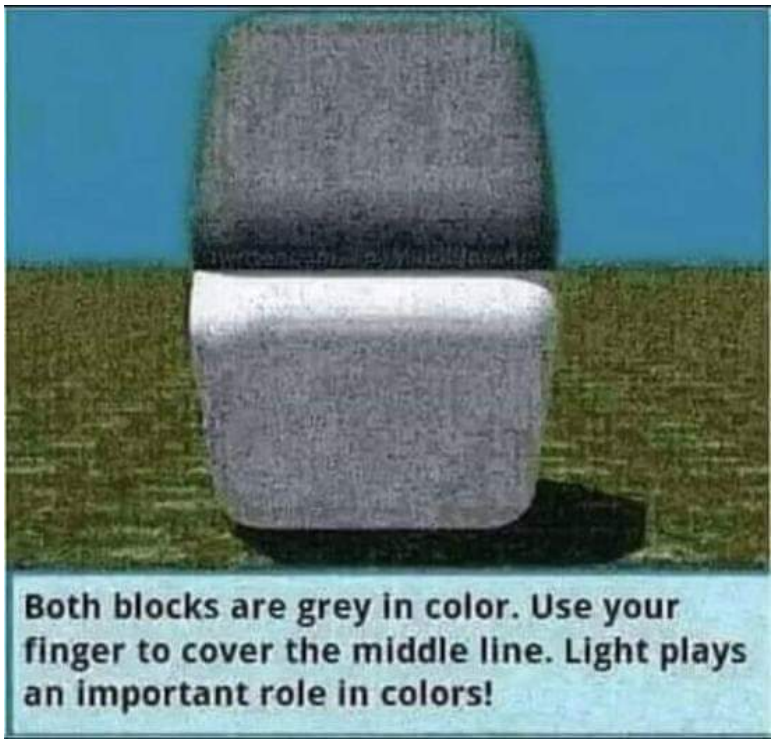
Bremadent Dental Laboratory

Official sponsors of the Private Dentistry Awards

"We respect Dentistry, Dental Technology and Science which makes us stand out from our competition"
Kash Qureshi, Managing Director

'Digital Department' nearly ready for our open evening on 'Digital Dentistry' with Straumann!



Dental Fact:

Cotton candy was co-invented by a Dentist with the name 'Fairy Floss'!

My First Impression!

I had a phone call from a Dentist the other day, asking why his this denture was rocking in the mouth but on the models they were fine! I said I will assess the situation and find out what was going on. The dentist was using special trays and 'Hydrogum 5' alginate which has a known success rate.

I phoned the dentist after a set of impression came in, I had noticed, clinically all of the information I needed was there but the impression was coming away from the special tray, there was no adhesive used and the impression was not pushed through the perforation on the tray, the alginate was dry and bulky. This all leads to false impressions from the mouth.

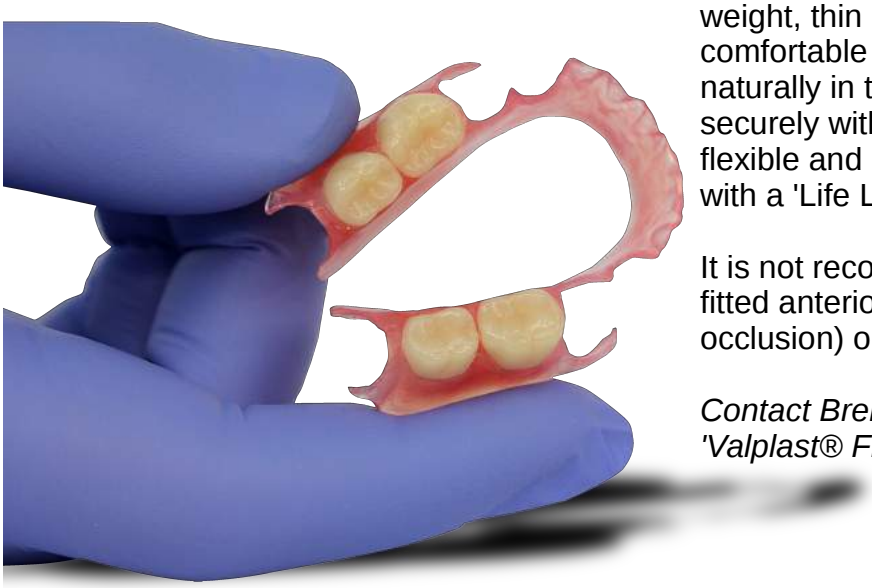
The first question was, is your nurse mixing the correct ratios? enough water? I then explain that use of adhesive and after loading the tray, glaze the alginate with a little bit of water on the surface and pat the impression down to push through the perforations and then proceed with taking the impression.

The dentist then straight away said, I had noticed that my nurse was using a green coloured water vessel from the old alginate we used but I did not think that it would affect anything as I am using Hydrogum 5.

This reminds me of a story: An over populated and poor country had a charity come to talk to them about the use of contraception, with limited resources they used a broom they had found outside to demonstrate how to use contraception for a male. A year later, the population had doubled since the last visit, they asked "how is this possible"? the local responded "we don't know, we use the contraception you have given us and we placed it on the broom!"

The analogy is simple, if the best materials available are being used and the instructions and protocols are not followed, it will defeat the purpose of what is trying to be achieved!

valplast
Flexible Partials



'Valplast® Flexible Partials' is the first flexible partial in the world and has over 60+ years of research and development. It is a 'Nylon' based material, which makes it 100% 'Monomer Free', 'Flexible, Thin, Comfortable' and 'Easy To Adapt To' with a life long guarantee. It's is routinely used as an alternative to acrylic partial dentures and is used for one tooth partials to 'Hybrid Cobalt Chrome Partials'.

'Valplast® Flexible Partials' have a unique clasping system, the 'Flexible Clasps' are translucent with natural gingival shades and provides 'Retention' and 'Reciprocation'.

The major connector is designed to sit on the cingumlum of the anterior teeth and acts like a 'Occulsal Rest', there is also relief on areas around the periphery and bony areas and stops adverse pressure on the, gingiva, gingival tissues or periodontum.

Technical Features:
'Valplast® Flexible Partials' are nylon base and 100% monomer free, the major connectors has a uniform thickness of 1.5mm which allows for flexibility. The 'Flexible Clasps' are 1mm above the gingival necks of the clasped teeth for aesthetics with 6 translucent gingival shades available. 'Flexible Clasps' are 1mm interdentally between the adjacent tooth and clasped tooth which provides accurate retention and reciprocation. There is 0.5mm of relief around the periphery, clasps and small connectors. The major connector is design to seat on the cingulum areas and acts like an occulsal rest. All 'Valplast® Flexible Partials' and 'Flexible Clasps' are surveyed for path of insertion.

Clinical Features:
'Valplast® Flexible Partials' are easy to adapt to, light weight, thin and flexible which makes them comfortable to wear for the patient. They blend in naturally in the mouth whilst being held firmly and securely with 'Flexible Clasps'. The 'Nylon Material' is flexible and makes the 'Valplast' virtually unbreakable with a 'Life Long Guarantee'.

It is not recommended for complete dentures, gum fitted anterior teeth, over closed OVD (tight occlusion) or small inter-occlusal space.

Contact Bremadent today to discuss your next 'Valplast® Flexible Partials' case.

www.bremadent.co.uk office@bremadent.co.uk 0208 520 8528

Zirlux®

‘Full Contoured Zirconia Crowns’ are CAD/CAM milled zirconia restorations which is stained glazed for 'Natural Anatomy Effects' with no layered ceramic. The flexural strength of 1200 mpa provides high strength and durability whilst being effective with minimal inter occulsal space. it’s a cost effective solution as there is no alloy charge and is up to 44% translucent at 1mm thickness.

'Full Contoured Zirconia Crowns' are scanned and designed in 3D, which gives accurate and clearly defined parameters with the prepared tooth, margins, contact areas and occlusion captured precisely and locked for the design process. Our technicians will then be able customise any areas of concern within the parameters and design the full contoured crown with 'Natural Anatomy' from the locked parameters.

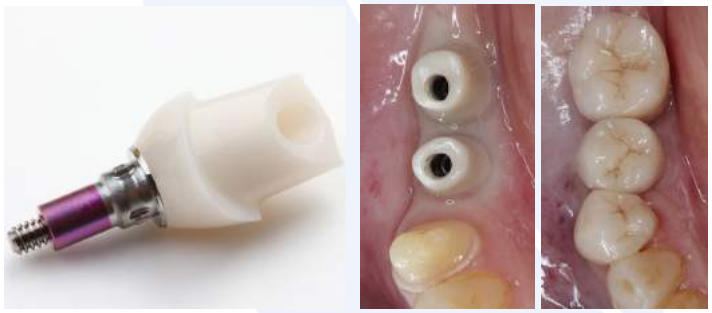
The full contoured crown is then ‘CAD/CAM Milled’ in-house from a pre-shaded zirconia blank . Once milled, It is then fitted to a working model and a solid model to minimize variables. Once fitted, it is stained and glazed for 'Natural Anatomy Effects'. The restoration is then quality controlled for fit, aesthetics, occlusion, contact areas and margins.

Bremadent Digital' service has the latest 'Digital Equipment' to accommodate 'Digital Dentistry' services which are scanned directly from analogue (plaster) models or digitally sent to us from the leading intra-oral scanners from any Dentist around the world instantly (3m, Sirona, Planscan, Trios, Itero, Carestream)

Indications:
Zirconia is ideal for inlay/onlays, full contoured crowns, full contour bridges, copings, frameworks, retainers, custom implant abutments, hybrid bridges and layered ceramic crowns.

Technical features:
Zirconia is a biocompatible material and has a flexural strength of 1200 mpa. It’s available in traditional ‘Vita Shades’ and is up to 44% translucent at 1mm thickness.

Traditional ‘Vita Shades’



Zirconia CAD/CAM milled Implant abutments

IPS e.max®

What is IPS e.max?
IPS e.max® is a Lithium Disillicate glass all-ceramic that delivers optimum aesthetics, translucency, durability and strength. With up to 10 years of clinical evidence, over 80 million restorations and a 97.6% survival rate, it is a proven system that provides highly durable and highly aesthetic restorations which makes it an affordable alternative to porcelain bonded crowns and zirconia based restorations.

Technical Features:
IPS e.max can either be pressed or milled via our in-house Sirona inLab CAD/CAM milling machine and provides a flexural strength between 360 – 500 Mpa. It is recommend for single unit anterior crowns or posterior crowns, 3 unit anterior bridges, partial and full anatomical crowns, minimal veneers (from 0.3mm) , inlays & onlays and screw retained implant crowns.

Clinical Features:
IPS e.max is a bio-compatible material and is used for highly aesthetic solutions due to its true to nature shade behaviour. IPS e.max promotes durable restoration due to the high flexural strength and is suitable with minimal invasive preparations. There is no condensation shrinkage thus providing a precise fit and reduce adjustment time. IPS emax restorations offer flexible cementation. *Contact Kash on 0208 520 8528 for further information.*

Before

After