

Cosmetic Solutions

Crowns (caps), veneers & more

Your guide to the
options available



THE QUEEN'S AWARDS
FOR ENTERPRISE
2004

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THE QUEEN'S AWARDS
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2004

In 2004 Schottlander were honoured to receive their second Queen's Award for Innovation in four years .

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Cosmetic Solutions

Cosmetic dentistry is advancing rapidly. With new options enabling previously unattainable cosmetic makeovers as well as the restoration of the function of the teeth. Now you can improve your smile and with it your overall appearance and sense of wellbeing. Dentistry is now not just about repairing broken down teeth or replacing missing ones.

However, progress also brings more treatment options and there is frequently not a simple answer to the question as to the best choice. There can be several possible solutions each with advantages and disadvantages. Your dentist's advice will help you to make the choice that is correct for you.

Materials Advice

This booklet is sponsored by Schottlander, acknowledged experts in the materials covered in this booklet and recipient of two Queen's Awards for their innovation.

Your restorations need to look fantastic and also last a long time so it is always advisable to use the best materials. Your dentist will be able to give you more detailed advice.

Brand names such as Matchmaker belong to the company and are among the leading products in their respective fields. Products described come from Schottlanders long understanding of dental materials. In the interests of openness generic product names are also quoted.

This booklet is designed as an aid to your dentist in explaining the options available. Of necessity it simplifies them since each clinical case is different. Your dentist will provide you with advice based on his/her assessment of the clinical condition of your own mouth.

What is a Crown?

Crowns, or caps, are restorations that cover over and encase the tooth on which they are cemented. Dentists utilise crowns when rebuilding broken or heavily decayed teeth, as a way to strengthen teeth, and as a method by which the cosmetic appearance of a tooth can be improved.



A bridge is used where you have a gap. Specially fabricated artificial teeth fill the gap and are joined to the crowns on either side forming a “bridge”. A bridge frequently needs to be made from stronger materials than a crown.

A Matchmaker crown is both strong and available in a wide choice of shades to match existing teeth.

Why choose to have a dental crown or bridge?

They serve two important functions:

1. They restore the appearance of your teeth and your face. If your tooth is severely decayed or cracked, the dentist will first need to restore it. Teeth also support the muscles in our faces, so anything less than a full tooth may affect the way you look.
2. A crown will be the same size and shape as the natural tooth. As a result, it will keep your jaw and bite aligned; it will also make sure that other teeth don't shift locations or take on a greater share of the work of biting and chewing.

A Matchmaker crown or bridge sparkles with vitality and natural fluorescence for a more natural look.

Before



A bridge made from Matchmaker MC improving the smile - ceramic fused to metal.

After



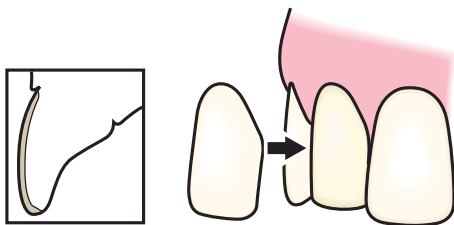
The Matchmaker Solution



Products for better dentistry

What is a Veneer?

Veneers, or laminates, are wafer-thin shells of porcelain that are bonded onto the front side of the teeth to make a cosmetic improvement in their appearance. Only the teeth that show are veneered and this procedure can be carried out on both the upper and lower teeth.



Matchmaker Veneers look completely natural and are extremely strong.

Why choose to have Veneers?

Porcelain Veneers are an excellent cosmetic solution for teeth that are stained, chipped or slightly misaligned. Minimal tooth structure needs to be removed.

You can have the 'Hollywood smile', a more natural classic smile or just minor improvements, the choice is yours.

Matchmaker Veneers are made from extremely hard porcelain, they do not stain or discolour.

*Pictures courtesy of
Dr Anil Shrestha*

Before



*A Veneer made from Matchmaker Press Ceramic
closing up unsightly gaps.*

After



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Products for better dentistry

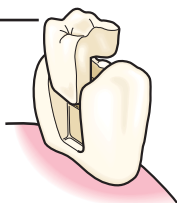
What is an Inlay?

An inlay fits into the prepared space left after a cavity or old filling has been removed. Inlays are more like fillings and are generally more durable and far out-last fillings. They are also more conservative than crowns, generally, much less tooth structure is removed in the preparation of inlays than crowns.

What is an Onlay?

Onlays are essentially identical to inlays with the exception that one or more cusps have been included in the preparation. In other words, decay or trauma has affected the cusps, necessitating their replacement. Onlays are sometimes also referred to as partial crowns.

Cusp



Why choose to have an Inlay or Onlay?

Depending on their size and location, fillings can reduce the strength of a tooth by up to 50%.

Inlays and onlays, on the other hand, can actually increase the strength of broken down tooth by up to 75%. Inlays and onlays are fabricated outside of the mouth and therefore are capable of being made much stronger than typical fillings. They are especially suitable for large restorations of the back teeth.

Matchmaker inlays and onlays are extremely strong, and can last far longer than a filling. Available in a wide range of shades to match existing teeth.

*Pictures courtesy of
Dr Anil Shrestha*

Before



*An inlay made from Matchmaker Press Ceramic
- replacing unsightly amalgam fillings.*

After



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For the technically minded

Veneers and inlays are usually strong enough on their own with added strength coming from their adhesion to the tooth. Crowns and bridges, frequently require greater strength, especially in the back of the mouth, and this can require a supporting framework. These are made from either high strength ceramic such as zirconia or a metal alloy.

High strength ceramic - metal free zirconia

High strength zirconia ceramic has the advantage of being metal free and tooth coloured. Although ceramic is veneered over the top, the metallic look of an alloy can still affect the overall colouration and appearance of the crown. Because of its greater strength, Zirconia is the material of choice for posterior crowns and bridges.



Metal Alloys

These have the advantage of being easy to fabricate and generally cost a little less. Although visually the results may not be quite so good there are clinical situations (for instance where the natural teeth are set forward in the mouth or over very small teeth such as those in the lower front) where they are the support structure of choice.





A bridge placed over two implants - bridge made from high strength Matchmaker Zr all ceramic zirconia.



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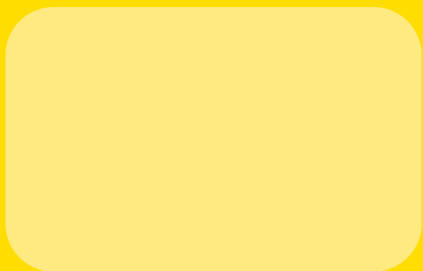
What to do next

If you believe that some of your teeth are not perfect, perhaps one or more is chipped, discoloured or set at an unattractive angle then take this leaflet with you when you next see your dentist. They will be able to advise what choices may be right for you and the costs involved.

How to take care of your new restoration

Your new restorations will function like your other teeth. Good tooth brushing is essential to avoid decay or gum disease. Floss once a day, or more often if necessary, and have regular check-ups.

If you have any concerns that have not been covered
in this booklet your dentist will be happy to
provide further information.



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