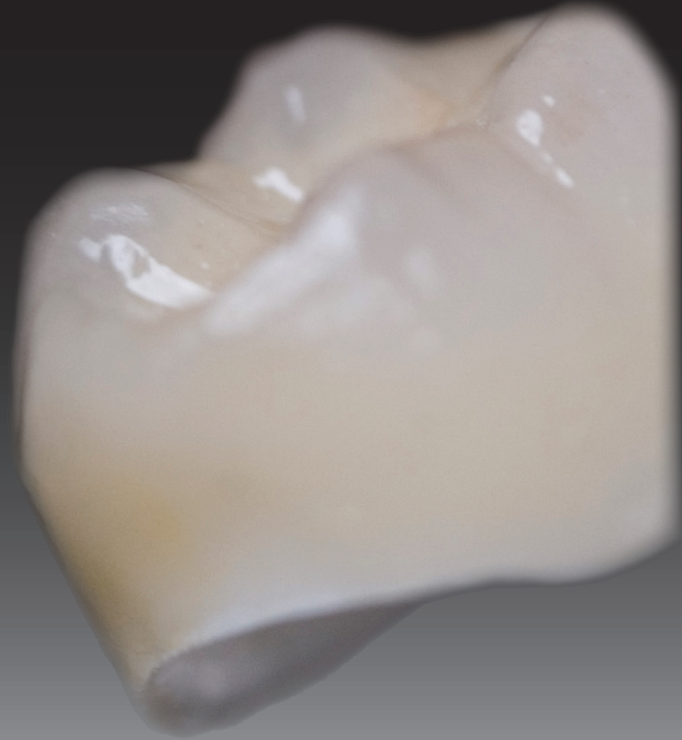


Core Zirconia™



The Metal Free Alternative

Gone are the days of having limited choice in the material used in the restoration of broken down or missing teeth. Where previously metal had to be used to provide sufficient strength to meet occlusal forces now Core Zirconia™ provides you with a metal free alternative.

Natural Aesthetics - Developed in conjunction with global partners Core3dcentres® International, Core Zirconia™ is an alternative to metal substructures providing the strength of metal with a natural and realistic appearance.

Indications:

- Crowns
- Bridges
- Inlays/Onlays
- Implant Abutments

Advantages:

- **Accuracy** - All restorations are manufactured with the most cutting edge CAD/CAM techniques. The process gives a far superior fit than can be achieved in traditional methods
- **Strength** - Restorations have a flexural strength of over 1200MPa, making them among the toughest and enduring restorations in dentistry
- **Translucency** - High values of translucency and no metal substructure allows for a more natural and aesthetic appearance
- **Biocompatibility** - Core Zirconia restorations contain no metal and have been used in the body for many years in medical treatments. Reactions and allergies to these materials in the body are virtually unheard of

Disadvantages:

Core Zirconia is not suitable for patients suffering from parafunction (e.g. bruxism), periodontal hypermobility of abutment teeth or high difference in abutment teeth mobility and heavy occlusal load on the restoration.



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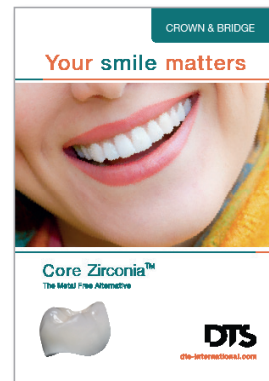
Product Facts

Impression Technique	Traditional or Digital
Material	Zirconia coping with porcelain overlay
Indications	Single unit crowns, multi unit bridges, full arch
Recommended use	Full mouth
Margins	Feather edge, chamfer or shoulder
Cementation	Conventional cementation
Turnaround Time	5 Lab Days
Method of manufacture	Digitally designed and manufactured (Framework) & built up by hand
Aesthetics	✓✓✓✓✓
Shades / colouring	No internal effects, standard shades
Strength	✓✓✓✓
Add-on options	Fit to denture, attachments etc. Charges apply
Benefits	Good fit, metal-free
Warranty	5 years for complete crown
Type	Independent Crown
Popularity	✓✓✓✓

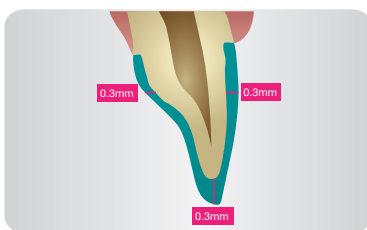
Help your patients understand your recommended restoration with our patient friendly cards.

Patient Support Literature

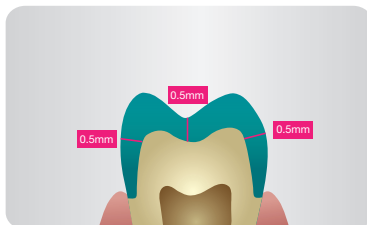
For more information or to order literature please call **0141 556 5619** or email restorations@dts-international.com



Preparation Guide



Recommended preparation for anterior teeth



Recommended preparation for posterior teeth

What to use to attach to natural tooth:

In most cases a non-opaque, translucent cement allows for more vitality in the cemented restoration.

How to adjust if required:

When making adjustments to veneering porcelain, use proper care and the same precautions as with any other standard porcelain. Before occlusal adjustment, measure occlusal thickness with calipers so as not to come in contact with the core. Cement the crown before making occlusal adjustments. Should the crown require light internal adjustment for proper seating, we strongly recommend it be made to the tooth rather than the inside of the crown.

Conclusion:

Zirconium oxide does not need to be (nor can it be) etched. You will find that the surface texture is already adequate.

DIGITAL RESTORATIONS

PROSTHETICS

IMPLANTS

CROWN & BRIDGE



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Visit us online at dts-international.com



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