Modern Dental Group becomes one of the Caring Companies

Modern Dental Group has been awarded as a “Caring Company” by the “The Hong Kong Council of Social Service”. The award is in recognition of our commitment to “Caring for the Community”, “Caring for the Employees” and “Caring for the Environment” over the past years.

As part of its broader corporate social responsibility outreach program, Modern Dental Group has been the key sponsor and actively involved in the “Shining Smile Project”, initiated by Evangelical Lutheran Church of Hong Kong. “Shining Smile Project” is a program which has an objective of helping successful drug rehabilitants regain confidence by restoring their lost dentition. Apart from this program, Modern Dental has also participated in various CSR activities, such as “Outstanding Social Caring Organization” and “Social Caring for Green Excellence” under the “Future Leadership Summit & Social Caring Pledge Scheme” to reinforce the “Caring Company” mantra that the company has been lauded for.

To be selected as a Caring Company, it recognizes Modern Dental’s dedication in community involvement and continuous support to the environment. We will continue to give back to our community through a diverse range of community services.

Launching of new Orthodontic product line

Modern Dental Laboratory is proud to announce the launch of a new orthodontic line. Due to the large varieties of orthodontic appliances, we have decided to hire a professional photographer to create high definition photographs of all our appliances so that patient and doctors can visualize different options. Since Modern has a dedicated team of technician which focuses purely on crafting orthodontic appliances, therefore we will be creating a brand new separate orthodontic order form. It is our hope that we can better serve you with over 40 types of orthodontic products and an additional 30 modifications. Again, all our materials come from trusted sources which are either FDA approved or CE marked. Fabrication of the orthodontic appliances with different colors and graphic insert for personal characterization is also available. Part of our orthodontic team also focuses on fabricating Mandibular Advancement Devices (MAD) which is becoming an increasingly popular treatment for obstructive sleep apnea. We are more than happy to come to your office and tell you more about the bite taking and explaining the different MADs.

Winter is coming to an end soon and many people are getting back into sports. Never underestimate the potential damage to the oral cavity during sports. To further improve our service to dentist, we have designed patient friendly pamphlets which you can place at your reception to educate and stimulate patients to enquire about sport guards. Five different levels of sport guards are available for your patients.
NEW product: FMZ Ultra - extreme translucent zirconia

FMZ Ultra is an ideal choice for anterior, posterior crowns and bridges up to 3 units*. Its translucency and incredible strength allows clinicians greater flexibility to create the perfect smile.

**Indications and Recommendations:**

<table>
<thead>
<tr>
<th>Crown &amp; Bridge</th>
<th>Single crown and 3-unit bridge*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlay / Onlay</td>
<td>Yes</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>~600 MPa</td>
</tr>
<tr>
<td>Stump Shade</td>
<td>Must be provided as it strongly affects the final shade. (Please refer to stump shade guide)</td>
</tr>
<tr>
<td>Cementation</td>
<td>Self-adhesive or adhesive resin cements are recommended. The shade of the cement will contribute to the final shade. Please follow the manufacturer’s instructions closely.</td>
</tr>
<tr>
<td>Adjustments</td>
<td>Fine diamond with water cooling or diamond impregnated rubber is recommended. Areas must be polished to a high shine with diamond polishing paste afterwards.</td>
</tr>
</tbody>
</table>

*Up to 2nd premolar. Pontic width maximum 8mm and 11mm for anterior and premolars respectively.

**Natural Appearance:**

FMZ Ultra is made from a unique formula of ultra-translucent zirconia. Its enhanced optical properties allow the FMZ Ultra to achieve aesthetics superior to other monolithic zirconia restorations due to its increased translucency. This innovative product is highly versatile and provides greater flexibility to recreate a patient’s natural smile.

**Consistent Strength:**

Given the high translucency of FMZ Ultra, it still retains a reliable flexural strength of ~600MPa (compared to ~360MPa for lithium disilicate restorations). Compared to normal zirconia (~1200 MPa), it is easier to adjust and more gentle on the opposing dentition. CAD/CAM milled restorations provide a precise fit and predictable results. We take great efforts during post-treatment of our zirconia products. Research has shown that exposed zirconia surfaces, when treated correctly, are gentle to the opposing dentition which gives patients and clinicians further peace of mind.

**Material**

<table>
<thead>
<tr>
<th>Indication</th>
<th>FMZ Ultra</th>
<th>Lithium disilicate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anterior</td>
<td>Crown</td>
<td>★★★★</td>
</tr>
<tr>
<td></td>
<td>Veneer</td>
<td>-</td>
</tr>
<tr>
<td>Posterior</td>
<td>Crown</td>
<td>★★★★</td>
</tr>
<tr>
<td></td>
<td>Inlay / Onlay</td>
<td>★★</td>
</tr>
<tr>
<td>Bridge</td>
<td>Anterior 3-unit</td>
<td>★</td>
</tr>
<tr>
<td></td>
<td>Posterior 3-unit</td>
<td>★★ (if possible)</td>
</tr>
<tr>
<td></td>
<td>4 units or above</td>
<td>★★</td>
</tr>
<tr>
<td>Characteristics</td>
<td>Flexural Strength</td>
<td>High</td>
</tr>
<tr>
<td></td>
<td>Cost</td>
<td>Similar</td>
</tr>
</tbody>
</table>

Before After

Photographs courtesy of Dr. Rolf Meijer, Tandartsen Team Meijer, Maurik, NL.

~600 MPa flexural strength
Ultra high translucency
Easier to adjust
Precise & predictable by CAD/CAM milled restorations

Layering of porcelain can also be added for ideal anterior aesthetics.

Translucency

Flexural Strength

Three-point bending test
Urgent full ceramic crown service now available to certain districts!

We are pleased to announce that 48-hour-crown is now available for Central and Mong Kok districts! If you have urgent cases and need prompt support from trusted laboratory, please see the following materials and respective impression method that we can support for this urgent service:

48-hour-crown | Traditional Impressions | Intra-oral Scan
--- | --- | ---
e.max | ✓ | ✓
VITABLOC | ✓ | Not Available
VITA Enamic | ✓ | ✓
FMZ | Not Available | ✓
FMZ Ultra | Not Available | ✓
Lava Plus | Not Available | ✓
Add porcelain | Not Available | Not Available
Single crown only | ✓ | ✓
Capacity/day | Limited | Limited

Please contact our customer service at +852 3766 0888 to enquire the details of the product, workflow and area coverage.

Urgent denture repair service is also available!

In addition to the normal 3 days denture repair (HK$207), there are also urgent services:

- Same day: HK$485
- Overnight: HK$384

- All urgent denture repair cases must be pre-scheduled
- Certain conditions applied for the urgent service

Please call us at +852 3766 0888 to enquire the service details.

Notes:
1. All 48-hour-crown cases must be pre-scheduled
2. An additional cost of HK$500 will be imposed to this urgent service
3. No 3D model will be printed for intra-oral scan cases

Newest promotional price on 3Shape TRIOS®3 intra-oral scanner

We understand that the cost is sometimes one of the determining factors of whether to buy an intra-oral scanner or not. Just new to Hong Kong, we are pleased to announce that 3Shape TRIOS®3 intra-oral scanner is now available in mono color with a big cost reduction compared to the color version! All features and benefits (speedy, accurate, precise, Invisalign compatibility, intra-oral camera, shorter laboratory turnaround time, etc) are the same for both models, except the black and white screen and the absence of color matching function. This MONO version can also be upgraded to the color version of the TRIOS®3 later if you wish.

Please feel free to contact our sales team at +852 3766 0760 for further information.
The 23rd International Conference on Oral and Maxillofacial Surgery

31 March – 3 April 2017
Hong Kong Convention and Exhibition Centre
Booths S26, 27

The conference will develop a first class program showcasing the latest research and findings in the full scope of Oral and Maxillofacial Surgery as well as delivering the benchmark for best practice. 2,000 participants are expected from around the world. Modern Dental will participate in this occasion and to demonstrate latest products from our Research and Development. You are cordially invited to visit the Conference and our booth. Hope to see you there!

The 39th Asia Pacific Dental Congress (APDC)
The Venetian Macau

Under the theme "Breakthrough for Excellence in Dentistry", the 39th APDC has planned an excellent academic programme for general dentists and specialists covering all major topics in dentistry. Lectures, symposia and workshops will be conducted by world-reputed experts to ensure imparting of new knowledge and techniques to participants. Modern Dental will also participate in this occasion. Please visit the Conference and our booth. Hope to see you there!

MODERN pamphlet stand is ready for request

To enhance the convenience of introducing our products to you and your patients. We have designed an acrylic stand and patient orientation product leaflets (ex Anti-snorin questionnaire, sport guard importance etc.). The acrylic pamphlet stand is flexible, you can adjust the inner layer depending on our pamphlet mix. The base of the stand contains a non-slip mat which can prevent tipping of the acrylic stand. The dimensions of the acrylic stand are 220mm(L) x 330mm(W) x 63mm(H), it is an ideal size for the reception area which can stimulate questions from your patients enquiring about products such as sport guards, full ceramic crowns or even antisnorin devices.

MODERN pamphlet stand is free while supplies last. If you are interested, please contact our sales team at +852 3766 0783 Jasmine Cheung or +852 3766 0763 Clarence Tam for the details.

The 2nd quarter seminars in 2017

<table>
<thead>
<tr>
<th>Date</th>
<th>Root Canal Obturation</th>
<th>Model Pouring Workshop</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 7th, 2017 (Friday)</td>
<td>June 2nd, 2017 (Friday)</td>
<td></td>
</tr>
<tr>
<td>19:00 – 21:00</td>
<td>17:00-18:30</td>
<td></td>
</tr>
<tr>
<td>Modern Dental Laboratory Office</td>
<td>Digitek Dental Solutions Office</td>
<td></td>
</tr>
<tr>
<td>Lai Chi Kok)</td>
<td>(Lai Chi Kok)</td>
<td></td>
</tr>
<tr>
<td>25 Doctors</td>
<td>15 DSAs</td>
<td></td>
</tr>
<tr>
<td>Dr. Jeffrey Chang</td>
<td>Mr. Raymond Ho &amp; Ms. Amanda Li</td>
<td></td>
</tr>
</tbody>
</table>
| Filling the root canal three dimensionally is one of the primary trials of endodontic treatment. The function of obturation is to fill up the root canal space completely thereby forming a barrier to ingress of any bacteria from the occlusal aspect or the ingress of any tissue fluids from the apical foramen as well as to entomb any bacteria within the root canal system. This workshop will demonstrate the use of warm vertical compaction which is considered as the gold standard in obturation techniques.
| A workshop which will teach dental assistants to improve their technique of pouring a stone model from an impression. Demonstration will be given by our technicians, followed by hands-on practice from participants.
| Participants must bring their own extracted prepared teeth for hands-on practice. |
| For those who are interested in joining the seminars. Please feel free to contact our marketing team at 3766 0781 Ms. Erica Kwan. |

MODERN pamphlet stand

Modern’s cash coupon

lucky draw for all participants

Customer Service 3766 0888
Pick up & Delivery 3766 0771
Custom Matching & Shading 3766 0778
Accounts 3766 0789
Fascimile 3766 0700
Sales & Marketing 3766 0760
Whatsapp 9308 8392
Customer Service hksupport@moderndentallab.com
MDQ Editorial Committee mdq@moderndentallab.com

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