

A fast delivery and more aesthetic **Temporary Crown** is now available!

Oftentimes, a temporary crown is utilized while the dental laboratory fabricates the permanent restoration. The temporary crown **prevents** the relevant teeth from **shifting**, **provides aesthetics**, **protects the preparation**, **preserves gingival health** and **restores function**. Without the temporary crown, the adjacent teeth may shift and the gingival tissue may grow over the margins of the preparation, thereby making final cementation of the permanent restoration more difficult.



Why do we need a temporary crown from the laboratory?

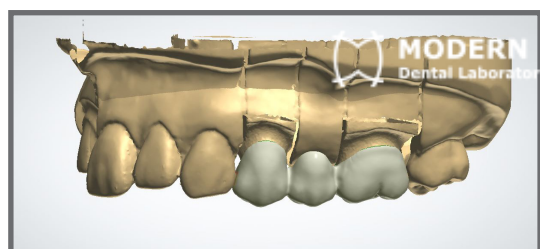
The difference between a **chairside-made temporary crown** and a **laboratory-made temporary crown** may play a critical role in the satisfaction level of the patient. One of these differences is the **aesthetic** outcome. Laboratory-made temporary crowns usually offer **more shade selections** for optimal aesthetics, particularly for aesthetic zones. The more the treatment changes the patient's presenting situation, the more critical the information gained from the temporary restoration. Therefore, having the laboratory take the time to carefully fabricate the ideal shape and occlusion of the temporary restoration will be beneficial. Lastly, chair-time is one of the most expensive resources of the dentist. Having the dental laboratory fabricate the temporary restoration in advance will definitely provide a **faster** and **more aesthetically** solution for both the doctor and patient.

Why choose to fabricate a temporary crown from Modern Dental Laboratory?

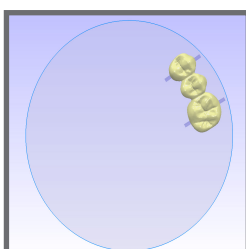
Traditionally, when we fabricate a temporary crown, the procedure of crown preparation by the technician on the study model will be necessary. However, the reduction or margins may only be close to ideal. In order to consistently bring you high quality products, we now utilize **CAD/CAM technology** to fabricate your temporary crowns*. Therefore, the **reduction** and **margin placement** are **all designed on the computer** to ensure **consistency, perfect reduction and margin placement**. Another advantage of using Modern's CAD/CAM department for the fabrication of the temporary restoration is that it **can be the exact replica of the shape/mould of the permanent restoration** (if the permanent is made by CAD/CAM). In other words, after cementation of the temporary restoration, the lip support, emergence profile, shape and form can immediately be assessed by both the patient and the clinician. If both parties are satisfied, you can **order the permanent restoration based on the temporary** as we can impose the **exact dimensions** into the permanent restoration material used in the final restoration.

How does Modern make the temporary crown?

To begin fabrication of the temporary crown, we first preserve the space directly with the aid of computer assisted design software. Afterwards, we will mill and polish the temporary crown accordingly.



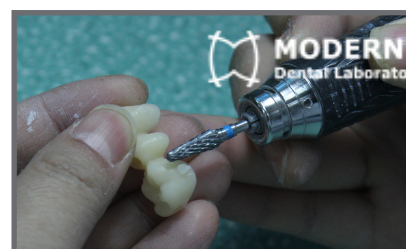
Step 1



Step 2



Step 3



Step 4

Fast delivery

Another benefit of using CAD/CAM to fabricate your temporary crown is that the working time **only takes 3 working days** (including pick-up and delivery).

Overall, we are able to provide you with a **consistent and high quality** temporary restoration in a **shorter period of time** through the use of **CAD/CAM technology**. Through this improvement, we hope to further optimize your chair time in your clinical practice.

*Please note that a selected few shades of temporary crowns (A4, B4, C3, C4, D4) will still be fabricated using the traditional method.

Resure Denture -

The Resure Denture is an **excellent alternative for partial frame denture or acrylic prosthesis**. Created from a unique **thermoplastic material**, Resure offers numerous important advantages:

- Rigid partial denture without metals
- Connectors and clasps are **nearly invisible**
- The Resure is rigid enough for **occlusal rests** to transfer masticatory forces
- **Repairs are possible**
- Monomer-free (Low risk of allergy)
- Flexural modulus (flexibility) of Thermosens is between that of acrylic and nylon (flexible partial denture material)
- Tooth choices & gum acrylic same as chrome partials
- Anticipated selling price will be similar to cobalt chrome partials dentures
- **2 years warranty on framework**

Resure has captured both the advantageous properties of cobalt chrome and conventional acrylic dentures, allowing the patients more comfort and easier adaptation.



Resure is suitable for partial dentures with transparent clasps.

Design Indications

Major connector

- Horse shoe plate or transverse plate for upper
- Lingual plate for lower

Contra-Indications

- Lingual bar not suggested
- Infra-bulge clasps and those that pass along the occlusal are not suggested

ReSure™ Partial Denture



The Vertex™ Thermoject 22 is the injection machine which will reach 270°C in 8 minutes. The heating of the cartridge and the actual injection material is fully automated.

- Clinical Cases

FAQ:

What are the rest seat preparation dimensions?

Similar to cobalt chrome, Resure needs 1-1.5mm thickness as strength for the rest seat purposes.

How can I polish the Resure Denture?

Trimming burs or polishing tools for traditional acrylic dentures may be used.

Does it contain any monomer?

No, Resure is a monomer free material.

Is it possible to add teeth, clasps or repair a Resure Denture?

Yes, teeth and clasps can be added by using injection method and a fusing or bonding liquid. It is possible to repair, add teeth or clasps at selective situations.

Feedback from Doctors about our Resure Denture:

Modern: What does your patient think about our new Resure Denture?

Dr. Ong: Patient praised that the Resure Denture is much more comfortable than his old one at the moment he placed it in his mouth.

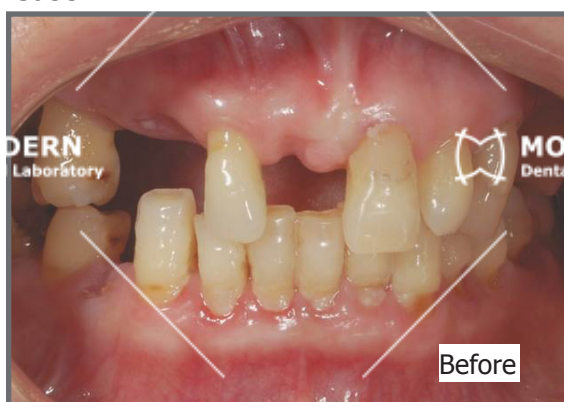
Modern: Compared to other dentures, why do you think Resure is more superior?

Dr. Woo: The retention is perfect! The fitting is also better and tight enough.

Modern: Do you have any comments on the Resure Denture?

Dr. Lee: The transparent color of the framework and clasps is good, aesthetic wise, it is better than other denture clasps.

Case 1



Patient before Resure Denture.



Patient wearing the Resure Denture.
Framework fits well and looks natural.

Case 2



The patient has only 5 anterior teeth left for clasp placement.



Compared to cobalt chrome clasps, Resure offers much better aesthetical results for anterior clasp placement.

Please note that we provide Modern Denture cleaning guide for the patients. Feel free to contact us if you need any for your clinic.
If you would like to know more about Resure Denture, please feel free to contact the customer service representatives at +852 3766 0888.

2nd Quarter Seminar in 2015

Please **come join us** to meet and exchange ideas with our **senior technicians and fellow doctors**. Food and beverage will be served, please register now as enrollment are limited. Details below:

Model Pouring Workshop for DSAs

24 April 2015 (Friday), 17:00 - 18:30, at Digitek Dental Solutions

Max participants: 10 DSAs

Speakers: Raymond Ho & Amanda Li

A workshop on teaching dental assistants the techniques of pouring a stone model from an impression. Demonstration will be given by our technician, followed by hands-on practise from each participant.

Overwhelming response! Hurry and enroll, limited space!

What's new about Removables?

22 May 2015 (Friday), 19:00 - 21:00, at MDL Hong Kong Office

Max participants: 15 doctors

Speaker: Joey Wong

Removable dentures have been used for centuries. However, there are still new materials and options available. In this session, we will get to know the various removable solutions available at Modern and to discuss any of the participants' removable cases.

What's next after performing implant?

12 June 2015 (Friday), 19:00 - 21:00, at MDL Hong Kong Office

Max participants: 15 doctors

Speakers: Kenny Tsoi & Wayne Yung

There are many abutment choices in the market, such as standard or angled, metal or zirconia, etc. For crown & bridges, there are PFM or full ceramic (with different materials), application of cement or strew retained, etc. What options do you have and what is the best combination to fulfil your patients' need? We can share our experience and offer choices to suit your clinical needs.

For further information and enrollment, please contact our Marketing team at +852 3766 0781 – Ms. Erica Kwan.

Young Oral and Maxillofacial Surgeon Group of Hong Kong

The Young Oral and Maxillofacial Surgeon Group of Hong Kong (YOMSHK) was **successfully** launched last year with **Modern Dental Laboratory** being one of the **sponsors**. YOMSHK has recruited over **350 members** during their **first** year of establishment, including specialists, trainees, students and associate members. This group provides lectures, seminars, extra-curricular activities and trip sponsorships to their members to further promote and arouse the interests of oral and maxillofacial surgery. This year, Modern Dental Laboratory is pleased to announce its **continuing sponsorship** to these **meaningful educational programs** as we share the same vision to **support** and **contribute** to the dental education in Hong Kong.

World Dental Forum 2015

October 21–22, Grand Hyatt HK



With the **success** of our previous World Dental Forum in 2010 and 2012, we are delighted to present the World Dental Forum again on the 21st and 22nd of October 2015 in the Grand ballroom of the **Grand Hyatt hotel Hong Kong**. The **two-day forum** consists of lecture sharing offered by professional lecturers. Hear from the **industrial experts** and participate in discussion with the **top dentists and professors**. This is an **extraordinary opportunity** to exchange unique ideas with more than **500 dentists** and renowned speakers from round the world - coming from the **Australia, Belgium, Germany, the Netherlands, Paris** and the **United States**.

It is our honor to invite 13 honorable guest speakers from around the world to share their professional knowledge with us. Details of the lecture below:

Speaker	Topic
Dr. Lieven Barbier (Belgium)	Unique full-arch immediate loading protocol in fresh extraction sockets or in the severe atrophic maxilla
Mr. Jozef Ludovic Beckers (Belgium)	
Prof. Lim Kwong Cheung (Hong Kong)	Computer planning and guided dental implant surgery
Dr. Andrew Dillon (Australia)	The Imperfectly Perfect Smile
Dr. Curtis E. Jansen (USA)	From Preliminary Impression to Restoration, How Digital Work Flows are Increasing Practice Efficiency, Decreasing Chair Time, and are Creating a Better Patient Experience
Dr. Stefan Koubi (France)	Creating A New Smile : from the Cosmetic to the Functional Rehabilitation
Dr. Kenneth A. Malament (USA)	Integration of Esthetic Dentistry and Prosthodontics
Dr. Allen J. Moses (USA)	A Demonstration of the Neurophysiology of Moses Appliances
Prof. Peter Reinhard Pospiech (Germany)	Think ceramics! Zirconia as a universal material?
Dr. Nelson RFA Silva (Brazil)	Optimized Biomaterials for Digital Dental Applications
Dr. Jianguo Tan (China)	Esthetic and functional rehabilitation of severely worn dentition
Prof. Daniel Wismeijer (Netherlands)	Digital Dentistry; Where is this taking us?
Mr. Russell. R. Young (Australia)	Digital Smile Design (DSD) in the 21st Century Dentistry

For more information, please visit the World Dental Forum 2015 website at <http://www.worlddentalforum.com/> or contact Mr. Daniel Chok at +852 3766 0760.

Denture Cleaning Guide

To save you time, we are pleased to release a **new version** of our **denture cleaning guide** to educate your patients with the correct method to **clean and maintain** their denture(s). The cleaning guide provides **clear instructions** for patients to follow and how to properly take care of their appliance to benefit themselves and the doctors in the long run.

The cleaning guide is attached together with **each** denture case. If you would like to place **extra** copies in your clinic, please contact our Marketing team at +852 3766 0779.



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MDQ : Modern Dental Quarterly is written and produced by Modern Dental Laboratory Co., Ltd.
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