

# Flexibility Adds Strength to Your Practice.



dentist information



 **Valplast**  
International Corp

Flexibility is Our Strength.

# The old rigid concept of using metal is gone.

It seems logical that because a patient's mouth is flexible, a rigid, metal-based partial would not be well suited to its form and function. That's what inspired Valplast to create the flexible RPD.

Today dentists are prescribing flexible material for removable partial dentures (RPDs) because it makes a better, stronger appliance faster. Flexible material reduces chair time, eliminates invasive procedures and the cumbersome materials associated with rigid partials. In short, there is no longer any need for metal.

Metal-based RPD design is complex because it has to adapt rigid materials to a flexible environment. This leaves room for error

particularly under conditions where ideal designs and clinical preparations are challenged.

In contrast, the material in flexible partials is perfectly suited to the variety of natural conditions in the mouth. It simplifies the design and enables the RPD itself to balance the simultaneous requirements of retention, support and stability.

Flexibility removes many of the unwanted aspects of metal partials. There are fewer steps in the treatment process because preparation of natural teeth is unnecessary. Without the metal frame, the fabrication and try-in processes have also been simplified. In addition, the choice of a Valplast<sup>®</sup> partial avoids the placement of metal in your patient's mouth, which allows you to satisfy the patient's interest in metal-free dentistry.



# Valplast® is a functional and aesthetic upgrade over metal.



A Valplast® partial made to replace rigid metal.



The original rigid partial with unsightly clasps and damaging occlusal rests.

Rigid RPDs are held in place by support and retention devices that leverage tooth surfaces to distribute the masticatory load. Valplast developed a higher standard of performance by utilizing a flexible material to replace the retentive arms and reduce stresses on natural teeth. The concept uses the flexibility of the material to balance the stress load over the entire supporting ridge instead of individual rigid support points. As a result, the patient is more comfortable and has a stronger, better looking and functioning appliance.

To hold them in place, traditional rigid partials have noticeable, unattractive metal clasps across the front surface of the natural teeth, which may, over time, cause damage to the tooth surfaces and reduce the stability of the supporting teeth. Valplast's unique material blends with the natural tissue providing virtually invisible support and a more pleasing smile.

Valplast® is available in four natural tones – pink, light pink, maharry and light maharry – to match the patient's coloring. A non-pigmented option is also available for special applications.

Although priced above rigid partials, patients recognize the value of its more natural look. Patients appreciate its added comfort and are willing to pay a premium for the difference. This makes Valplast® a profitable choice.



The Valplast® clasp blends with the surrounding tissue and virtually disappears.

# Valplast® can bend to fit a variety of needs.

Valplast® is the optimal choice anytime partials are indicated or the patient prefers not to use a fixed restoration. Patients who have worn both conventional frames and Valplast® partials report that Valplast® feels more natural and is more comfortable. In addition, because of its excellent retention and aesthetics, Valplast® gives them more confidence eating and smiling.

The flexibility of Valplast® also makes it more adaptable in challenging cases including pediatric patients, cancerous mouths or cleft palates. Because the material retains its strength even when very thin, it yields a lighter weight and less obtrusive appliance.

Valplast® is also an ideal replacement to acrylic when the patient is allergic to acrylic, or when protuberant bony formations restrict the insertion of an acrylic full denture. Additional circumstances where Valplast® is optimal include cosmetic veneers to mask gingival recession, splints and nesbits.

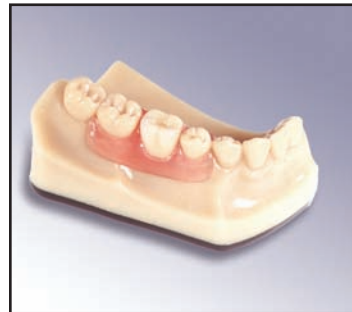
Your certified Valplast Lab can become part of your case planning team to help you develop innovative solutions for challenging cases.



Full denture



Cancerous



Nesbit



Splint / Guard

## Our guarantee is as strong as our material.

Every Valplast® partial is warranted against breakage and fracture of the base material assuming normal use. The warranty is valid indefinitely from the date the appliance is placed in service as a clinical dental prosthesis. The Valplast warranty applies to material defect of the base resin and

supplements any warranties placed by the laboratory for workmanship. Improper fabrication or post-insertion modification of the partial voids the warranty. Our warranty does not apply to the bond between Valplast® base resin and artificial teeth.

# Our flexibility means adjustability.

When you are initially fitting a Valplast partial, you have the freedom to make the same adjustments in your office that you would normally make with rigid partials. The techniques and tools vary slightly, however you still have control of the fit.

There are Valplast-specific abrasives and techniques that allow you to maintain the finish and fine tune the fit for your patient's optimal comfort. The appropriate grinding tools, polishing compounds and Valplast<sup>®</sup> Knife are available directly from Valplast International or your supplier.

## Clinical Preparation

Valplast uses the Retento-Grip<sup>®</sup> tissue-bearing technique for retention. No tooth or tissue preparation is needed. The authorized processing laboratory requires only a model poured promptly and carefully from a mucostatic impression and counter-model. A wax try-in is suggested prior to completion.

## Inserting Valplast Partial

Simply by placing the case in very hot tap water for approximately one minute, you can achieve a very smooth insertion and an excellent adaptation to the natural tissues of the mouth. If a clasp isn't fitting perfectly, you may adjust it slightly by immersing that area of the partial in hot water and bending the clasp outward or inward as needed.

If any reduction is needed due to persistent irritation, the resin must be handled differently than acrylic. We recommend a #13 Green Mounted Stone, typically used for porcelain, to quickly reduce the surface yet leave it very smooth. If any threads remain, you may remove them with a sharp blade and smooth any roughness with a brown rubber wheel. You may then repolish the surface with Acrylux<sup>®</sup> 150, Brown Tripoli and the Mirror-Shine<sup>™</sup> polishing compound.



## Adding teeth to Valplast

As the structure and conditions of your patient's mouth change over time, additions and relines can also be made with help from your lab.

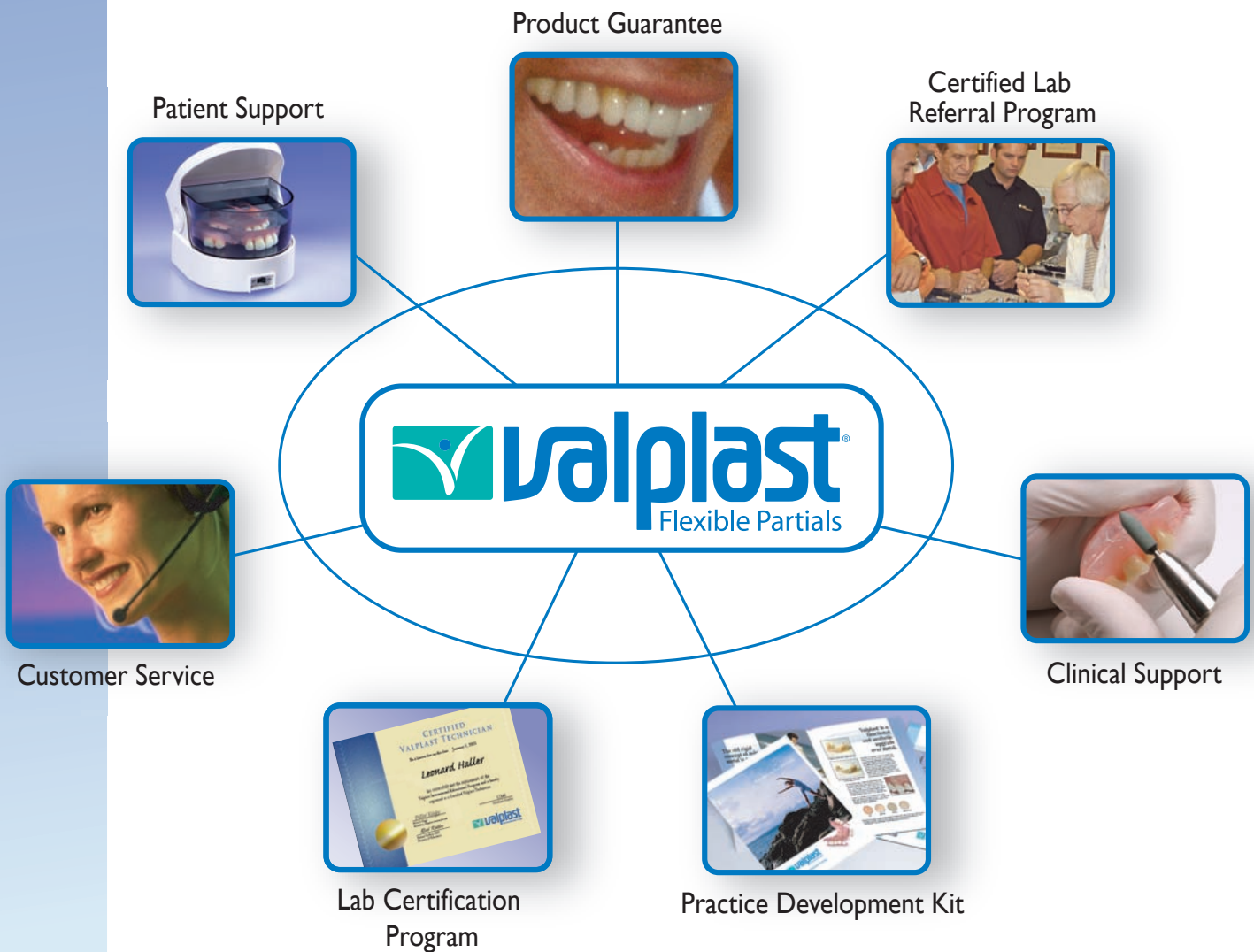
To add teeth, take an alginate impression with the case in place in the mouth. Then remove the case from the mouth while still in the impression, making certain that all pastes, adhesives, or lubricants have been removed and the partial is fully seated in the impression. Pour the model promptly and forward it to the laboratory with your instructions.

## Rebasing Valplast

To rebase a Valplast partial, begin by taking the rubber base impression under the case. To assure full and correct occlusion as the rubber base material sets inside the partial, your patient's mouth should be closed. When the rubber base impression has set, take an overall alginate impression. As you remove the case from the mouth inside the impression, make certain the case is positioned correctly in the impression. Pour the model promptly and send it to the laboratory without separating the denture from the model.

For more detailed information, please contact Valplast International to request our Dentist's Techniques brochure or to speak with one of our technical support professionals.

# We're in the Business of Making Smiles.



When you prescribe a genuine Valplast partial, you give your patient far more than just a dental appliance. Valplast takes a comprehensive approach to both the science and the business of flexible partials. Since the beginning, it has been our mission to elevate removable partial dentures to a higher-level of function, simplicity and patient satisfaction. We provide the industry's most proven flexible RPD material backed by the most extensive knowledge, experience, training and advanced equipment.

## Valplast is your marketing partner.

To help you explain the advantages of flexible partials to your patients, we provide you with a complete Practice Development Kit which is an array of targeted marketing materials that you can use to further your practice. The package includes a comprehensive brochure you can hand to your patients that speaks directly to them and addresses their concerns. The materials outline Valplast's versatility, and explain how a Valplast partial can meet your patient's restorative needs without invasive procedures while offering better aesthetics, and greater comfort for an affordable fee.

These brochures come with an attractive display stand and poster for your waiting room.

## Ongoing technical support.

Inherent to our commitment to your success with Valplast, our support staff, all experts in flexible partial technology, are available to answer your questions about Valplast techniques and applications. They can also consult on difficult cases.

Just call 800-843-2861 between 9am and 5pm Eastern Time or e-mail us at [techsupport@valplast.com](mailto:techsupport@valplast.com).

## We're committed to patient care.

To help your patients get started, your lab will include a patient brochure with step-by-step instructions for optimal care of their new partial, plus a written guarantee that shows they are receiving a genuine Valplast appliance.

Your patient's Valplast partial should be cleaned with Val-Clean™ Denture Cleanser. You or your patient can obtain a supply of the cleaner from many Valplast laboratories, dental supply companies, and directly from Valplast International Corp. Valplast does not recommend any store-bought denture cleaners for Valplast partials.

For more effective cleaning you can also recommend to your patients the Sonic Denture Cleaner. Through the chemical action of Val-Clean plus sonic vibration, it quickly and safely removes tarter, stains, film, bacteria and food particles.

You may want to offer both Val-Clean and the Sonic Denture Cleaner directly through your office as a reseller, or refer your patients to [www.valplast.com](http://www.valplast.com) for continuing supplies.

## Get right to work.

If the lab you use most often is not yet working with Valplast, please let us know. If you're looking for a lab that's already certified, our referral program will help you find one quickly.

Valplast certification is your assurance of quality and technical knowledge from your Valplast lab. Certification means that the lab has at least one technician who has gone through our comprehensive, hands-on training and meets our rigorous professional standards.

Your certified lab can be a valuable addition to your case-planning team, helping you to develop innovative solutions for challenging cases.

For more information please call 800-843-2861 or 718-361-7440.





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