

Repairs

With the prosthesis in place in the mouth, take an alginate impression. Pour the model promptly and forward it to the laboratory with instructions.

The laboratory will utilize either a welding technique (for small repairs) or an injection technique (for larger repairs and retentive additions).

Relines

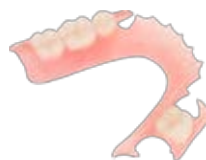
Individual saddles can normally be relined using the injection repair techniques. In the case where an overall reline is indicated, the case is jumped into a new base.

Take a rubber base impression under the case in a closed-mouth condition, then take an overall alginate impression. Pour the model promptly. Please take an opposing as well as an alginate with no partial in mouth.

The laboratory will register the position of the teeth with a plaster matrix and remove the base. A new base will be waxed up and reprocessed using the existing teeth.

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valplast
Flexible Partials

Clinical Instructions



What is Valplast?

Valplast is a flexible denture base resin that is ideal for partial dentures. The resin is a biocompatible nylon thermoplastic with unique physical and aesthetic properties. Valplast allows your patient's natural tissue tone to appear through the material, matching the basic shade categories (medium pink, light pink, and meharry). It is also guaranteed for life against breakage.



Patient Preparation Techniques

Valplast uses the Retento-Grip 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 an alginate impression and an opposing model.

A custom tray is normally not necessary. A custom bite and try-in should be taken for accuracy in free end saddle case. The laboratory can usually complete a unilateral restoration directly from the first model with the shade and correct bite.

Insertion Techniques

Immerse the appliance in hot tap water or boiling water and leave it for about one minute. Remove the prosthesis from the water and allow it to cool to the point where it will be tolerated by the patient and gently insert the case in the mouth.

The hot water treatment permits a smooth initial insertion and a good adaptation of the denture in the mouth. If the patient senses any discomfort because of the tightness of a clasp, the clasp may be loosened slightly by immersing that area of the partial in hot water and bending the clasp outward. If a clasp requires tightening, the clasp area may be immersed in hot water and bent inward to tighten.

If any reduction is needed due to persistent irritation, the resin must be handled differently than acrylic. Use the provided adjustment kit to modify and trim the denture.

Minor relief can be made with the rubber wheel provided. If there are any threads remaining, these can be removed with a sharp blade. Any roughness on the surface can be smoothed with a brown rubber wheel. The surface must be repolished after adjusting by using a coarse pumice, brown Tripoli, and polishing compound.

Patient Care

Like any removable prosthesis, the patient should be instructed to utilize good hygienic practices to maintain the appearance and cleanliness of the Valplast restoration. The prosthesis should be soaked overnight at least three nights a week in a good denture cleaner. The case should be rinsed and brushed before reinserting it in the mouth.