



BAYSHORE
DENTAL STUDIO

BAYFLEX™

BAYDENT™



Information for Dental Professionals

Adjusting

If the patient senses discomfort, it is normally due to:

- Sharp edges
- Pressure in the interproximal areas
- Poor occlusion
- Over-extended flange
- Too much pressure on the gingiva of the abutment tooth

Note. The degree of flexibility is directly dependent on one or both of the following:

- The thickness of the appliance.
- The length and design of the horseshoe (in cases with a horseshoe design).

Therefore, when making adjustments, do not over reduce as this may sacrifice the integrity of the appliance and cause it to become too thin and unstable in the mouth.

To reduce pressure in the interproximal areas, use a Pink Zirconia Bur or a Green Mounted Stone. Typically, these burs can be used to make all the adjustments necessary, and when used properly, they will leave the surface very smooth. Be sure to use a continuous motion in one direction and reduce very little at a time.

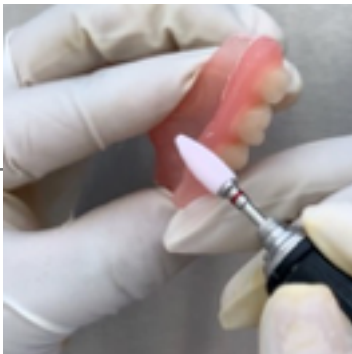


Use a hand piece that can be regulated to 30,000 RPM
Pink Zirconia Bur = 30,000 RPM
Green Mounted Stone= 30,000 RPM

If the patient senses discomfort while biting down, this is an indication that the occlusion may need to be adjusted. Check occlusion with articulating paper and reduce accordingly.



If the patient senses discomfort in the sublingual or buccal fold area, check for over-extended flanges or clasps and reduce accordingly. This may be noticeable prior to initial insertion when examining the appliance on the model.



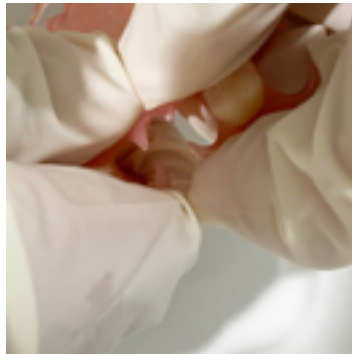
Use little pressure while adjusting with the Pink Zirconia Bur. To avoid melting or burning the material use a continuous motion in one direction only.

If you notice discomfort near the gingiva of the abutment tooth, the partial may be engaging delicate tissue undercut. Relieve undercut by very slightly grinding the lower lingual side of the clasp until appliance can be inserted without discomfort to the patient. This is a very delicate adjustment as over grinding this area may result in food traps.



Adjustments to the Clasp:

Because the clasp is used for retention, its design and thickness are very important. Before opting to relieve the clasp with a bur, use the **Hot Water Treatment** by submerging the section in hot water for approximately 30 seconds. Bend the clasp gently inward (to tighten) outward (to loosen) while holding it under cold water. This will relax the elastic memory of the material without sacrificing the original design of the partial.



Lastly, if there is a need to smoothen areas that have been adjusted, use the Brown Rubber Point followed by the Mini Fuzz Buff (optional). These tools work in conjunction to leave the surface extra smooth.



Use a hand piece that can be regulated to 30,000 RPM

Brown Rubber Point= 25,000 – 30,000

Mini Fuzz Buff = 25,000 (do not press too hard, especially when using the buff for the first time)

If a quick re-polish is needed, use a Mini Rag Buff with the Green Hi-Shine Polishing Paste (for Bayflex™, CLEARFRAME and BAYDENT to achieve a shiny touch-up. This is only effective if the surface has been smoothed out with the Brown Rubber Point and/or the Mini Fuzz Buff.



Use a hand piece that can be regulated to 30,000 RPM

Mini Rag Buff = 25,000 RPM

Impression Techniques

Impressions are the first step to a successful Bayflex™ Flexible Partial Denture. There is little to no tooth preparation needed for Bayflex™ restorations but it is vital to have an accurate impression, poured model/counter model and bite registration. We recommend **alginate** or **silicone** materials for impression taking.

1. Select the trays that best fit the patient's mouth to take the impression. Prepare the impression material following the manufacturer's directions, mix and load up to the tray borders.
2. Take the impression followed by a counter-model and bite registration.



3. Disinfect the impressions. The most popular method for disinfecting is the immersion method because it ensures maximum disinfection. Pre-washing the impression by spraying it with antiseptic solution and rinsing it prior to immersion is recommended. This reduces the amount of germs and prolongs the life of the antiseptic solution.
4. Examine the impression. Be sure that all the anatomical details are visible and no air bubbles are present. If an **alginate** is taken, promptly pour it up using lab stone to avoid shrinkage.



Tools for Your Practice

Visit our website for discounted dental professional pricing and/or order free promotional material: www.bayshoredentalstudio.com *More products available online.*

Pink Zirconia Fine Bur.

Ideal to make minor chairside adjustments leaving a smooth surface.

Green Mounted Stones.

Ideal for minor chairside adjustments.

Brown Rubber Points.

Ideal to eliminate scratches and smoothen the surface.

Mini Rag Buff.

Recommended to dentists for polishing touch-ups after minor adjustments on Bayflex™ appliances. Use with polishing paste.

Green Hi-Shine Polishing Paste.

Use to polish Baydent™™ and Bayflex™™ partials. Apply with the Mini Rag Buff.

Mini Fuzz Buff.

Use after the Brown Rubber Wheels to further smoothen the partial prior to polishing.

Carving Knife.

Excellent for removing extended fibers.

Sample Models.

An ideal marketing tool for your dental practice. *More options available online.*

Bayflex™ - Flexible partial

CLEARFRAME™ - Hybrid Metal Free partial

Baydent™ - Unbreakable full denture

Dr. Adjustment Kit Includes:

- 1 Green Point
- 1 large Rubber Point
- 1 small Rubber Point
- 1 Pink Zirconia Fine Bur
- 1 Carving Knife
- 1 sample of Green Hi-Shine 2 Mini Rag Buffs



BAYSHORE
DENTAL STUDIO

P: 877-954-6243 | mail@bayshoredentalstudio.com