

Adjusting Panthera D-SAD Appliances

Patient Instructions

Instruct the patient on proper removal of the D-SAD appliance. Use BOTH thumbs to remove each side of the D-SAD appliance AT THE SAME TIME.

Avoid excess torque to the appliance caused by removing one side then the other.

During the first few days of acclimation, instruct the patient to soak the D-SAD in hot tap water (not boiling) while brushing teeth prior to bed. This will make the device a bit more pliable during insertion.

Initial D-SAD Device Delivery

1. Deliver the D-SAD disassembled, placing only one arch at a time.
2. Soak the D-SAD in hot water (not boiling) for a few minutes before first try-in. Remove, let cool to touch, begin.
3. Start with lower. Adjust fit if necessary.
4. Let patient try placing and removing the device
5. Remove the lower and repeat with the upper.
6. Then install both upper and lower **without** rods and check occlusion.
7. Show the patient how the rods engage the appliance.

D-SAD Adjustment

Level 1 Adjustment

Place the D-SAD in hot, hot water for several minutes

Remove one arch at a time, and using finger pressure, one side at a time, gently press outward to expand in the area of tightness or binding.

Level 2 Adjustment

With a flameless torch (Figure 1), carefully and quickly heat the area of tightness or binding.

- a. Place-and-remove the device and off model several times to loosen.
- b. If the device is too loose, then heat, pinch and place into cold water to tighten.

Level 3 Adjustment

Lower: Adjust in the molar area (Figure 2). Use pressure indicating film in the molar area to mark the margin and inter proximal areas of the D-SAD.

Upper: Adjust in the canine area (Figure 3). Use pressure indicating film in the canine area to mark the margin and inter proximal areas of the D-SAD.

Using low speed and a coarse acrylic bur (Figure 4), carefully remove small amounts of material between try-ins.

Use the marks from the pressure indicating film to guide the amount you remove.



Figure 2



Figure 3



Figure 4

For more information visit www.SMLglobal.com