



NIGHT GUARDS: IMPRESSION REQUIREMENTS

Since 1983, Olympic Orthodontic Laboratory, Inc. has been fabricating night guards of all types and sizes. We are knowledgeable in the use of new and old materials and methods, and spend extra time on casts to ensure the best possible fit. Our Biostar was specifically altered and we invented an indexing jig to find the proper angle and distance from the condyles.

In addition to more typical methods such as alginate and Polyvinylsiloxane (PVS) impressions, Olympic has been using digital scanning and 3D printing, to which we have seen incredible results.

IMPRESSIONS:

Use only metal or very rigid plastic trays (perforated types are best). Be sure the tray is long enough to cover most of the distal molars. Check to make sure that the cusps are not touching the tray and the PVS has not come loose from the tray. Be sure to have the patient swallow to eliminate bubbles or blebs on impressions.

Use Polyvinylsiloxane type material (Plastic trays are acceptable when using Polyvinylsiloxane). If you use PVS, make sure that these impressions are sent to us unpoured. We will pour them up at no charge. This material has made a huge difference in our ability to manufacture the best possible fitting night guard. It allows us to repour and remount if necessary and still ensure a night guard that fits and has little or no adjustment.

DIGITAL SCANS:

If you have an intraoral scanner, you can send us an open .stl file. From this scan, we can print the model and fabricate a night guard.

For more information on digital scanning and 3D printing, you can refer to our website.

It is always advised that when the lab sends an impression or cast that a neutral tray be made to ensure that the patient can tolerate the appliance and that there is no distortion. A scan with a printed model and a neutral tray is \$40.00. *(Optional)*

WAX REGISTRATIONS:

A wax registration is preferred (brown laminated bite wafer are best). No PVS (*blue moose is springy and conforms to a distorted model*) and no need for face bow transfer. We always check the bite registration against centric occlusion/relation.

FITTING NIGHT GUARDS:

A grain of abrasive or spot of wax can cause a night guard not to fit. If you grind and remove acrylic, be sure to brush or sand and blow with air before seating. We believe that all night guards should fit with little or no adjustment. However, sometimes there is distortion on the model that the lab cannot see. In this instance, the lab can in most cases, refit the night guard to a new model.

SHIPPING & DELIEVRY SERVICE: 10 days in lab

For more information about the types of night guards we produce and their applications, please call us at 425.806.9194 or refer to our website at www.olyortholab.com.