

Clinical use of the sl-protrusion gauge

The sl-protrusion gauge is designed to directly register the appropriate mandibular advancement (protrusion) for the patient receiving the Silent Nite sl. The elastic framework adapts to the bending of the bite plane and is intended to provide easy removal of the vinylpolysiloxane registration material afterward. Bending the gauge should not affect the accuracy of the registration, which helps to ensure a clinically precise result. If for any reason proper registration is unattainable, the Silent Nite sl can also be manufactured on occluding models.

Instructions

Clean and assemble the sl-protrusion gauge. Typically, one-half of the maximum protrusion is recommended as the advanced position of the lower jaw. If the advanced position is already known, skip steps 2 and 3 and proceed with step 4 to mark the desired protrusion and register the bite.



STEP 1: Insert the sl-protrusion gauge, using the upper centrals to ensure proper alignment.



STEP 2: Mark the mesial position of the patient's jaw when in natural bite alignment.



STEP 3: Ask the patient to extend his or her jaw as far forward as possible, and mark this maximum mesial protrusion.



STEP 4: Mark the desired final protrusion (typically one-half the maximum protrusion). Retract the jaw to slide the gauge into this final position.



STEP 5: Use bite registration material to register the bite alignment at the desired final protrusion.



STEP 6: The bite registration taken with the sl-protrusion gauge will be used to align the patient's customized Silent Nite sl device.

