

# NTI-tss Plus<sup>®</sup>

## Lab Communication Protocol

This protocol allows for clear communication of clinical measurements that facilitate simplified delivery and minimize chairside adjustments.

### 1. Vertical Opening

Using a leaf gauge, measure the inter-incisal opening at the desired vertical dimension. Confirm that the patient does not contact on their canines or any posterior teeth in any excursive movement at this vertical dimension. It is very important that the patient only rest on, not bite through, the leaf gauge as displacement of the gauge will lead to inaccurate measurement. This measurement will communicate the height of the discluding element of the NTI-tss Plus (**Fig. 1**).



Figure 1

### 2. Anterior-Posterior Range of Motion

Using a flat, rigid plastic ruler, record the patient's A-P range of motion. With the ruler aligned at the approximate angle of the discluding element or maxillary occlusal plane, have the patient move into maximum protrusion. Record the anterior-posterior distance between the incisal edges. This will communicate the A-P extent of the discluding element of the NTI-tss Plus for maxillary and mandibular appliances (**Fig. 2**).

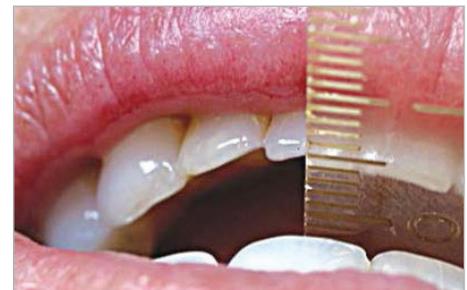


Figure 2

### 3. Dual Arch Impressions

Full arch impressions or models are ideal for NTI-tss Plus fabrication. Ensure that the patient does not make contact with their canines or any posterior teeth in an excursive movement at this vertical dimension. The teeth should only rest on, not bite through, the leaf gauge as displacement of the gauge will lead to an inaccurate measurement. This measurement will determine the height of the discluding element of the NTI-tss Plus.

#### To help us serve you better, please:

- » Inspect impressions for accuracy, proper extension and lack of voids.
- » Examine the impression for extension and recording of the soft tissues past the cervical margin is essential for a comfortable device with minimal adjustments.

*This protocol was developed by Michael J. Melkers, DDS, FAGD*

