



### 1. Vertical Opening

Using a leaf gauge, measure inter-incisal opening at the desired vertical opening. 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.

### 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.

### 3. Dual Arch Impressions

Full arch impressions or models are ideal for NTI-tss Plus fabrication. If they are not being provided, using a dual arch, anterior tray, take an anterior impression of the maxillary and mandibular anterior arch, making sure premolars are fully captured in the impression. Cervical detail in the impression is critical for retention and to minimize need for chairside relines.

This protocol will allow practitioners to clearly communicate the clinical measurements that will allow for simplified delivery and less adjustments.

We hope that you find this protocol helpful in providing your patients with NTI-tss Plus therapy. Please realize that this protocol is intended to minimize, not eliminate chairside adjustments.

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

- Inspect impressions for accuracy, proper extension and lack of voids.
- Examine 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

Dr. Melkers regularly presents lectures and participation programs in the US and abroad on aesthetic rehabilitation, laboratory communication and occlusion related topics.