A revolutionary method for consistently achieving an accurate occlusion with the MiniFM splint

The following method will totally eliminate the most frustrating aspect of fitting a full mouth splint - grinding in the occlusion.

1. Take the registration at an open vertical dimension
The degree of vertical opening should be similar to the thickness of the occlusal splint.

This ensures that the occlusion of the casts on the articulator will replicate the occlusion in the mouth. This is not the case if you take the registration at a closed vertical and the articulator needs to be opened. There is an inherent error built in when this is done. Now when you receive the splint from the lab very little adjustment will be required.

The 30 second bite registration - at the correct vertical opening.
This can be best achieved with the Leaf Gauge (see Fig. 1) - the ideal device for taking a registration at an open vertical. The leaves of the Leaf Gauge make it easy to select a vertical opening. The material used for recording the registration should be stable and able to maintain its shape.

Place the Leaf Gauge between the anterior teeth. Select an appropriate number of leaves from the Leaf Gauge to open the vertical to approximately the same degree as the thickness of the splint (Fig. 2). Inject a mousse-like, polymethylsiloxane registration material into both posterior spaces on either side of the Leaf Gauge (Fig. 3) and send to lab with impressions.

2. Heat the MiniFM before fitting
The occlusal surface of the MiniFM is made from the thermoflex material. Hard at room temperature, if needed the splint can be immersed in hot water, put back in the mouth and the patient can close onto the splint in centric occlusion. The splint then hardens and an ideal occlusion is achieved with even contacts around the arch.

All that is required is three easy steps:
1. Immerse splint in hot water for at least 10 seconds
2. Place in position over the teeth
3. Patient closes into centric and the splint is then cooled.

When using the MiniFM with thermoflex, the fitting visit is totally stress free and an optimal fit and occlusion is achieved in seconds without the need for using a hand piece.