

# Snap-Pin, HTI & Hybrid Protocols

SCANNER AVAILABLE AT CLINICAL APPOINTMENT (SCAN REFERENCE ON MASTER CAST)

## DESCRIPTION

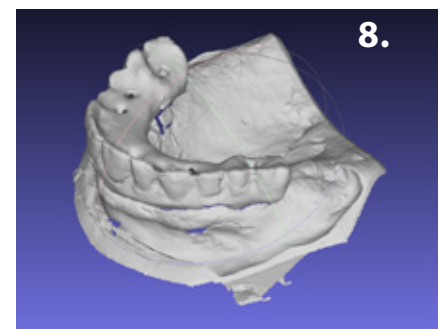
This protocol can be used for treating maxillary or mandibular single arches (written for maxillary) and when a scanner is available at the clinical appointment. The patient's existing prosthetic can be scanned attached to the master cast and then returned to the patient.

## CLINICAL RECORDS NEEDED

1. Final verified maxillary impression
  - a. Make verified soft tissue maxillary master cast
2. Mandibular Impression
  - a. Make mandibular opposing cast
3. Maxillary screw-retained existing prosthetic (temporary converted denture)
  - a. Make maxillary master cast
4. Interocclusal record between existing prosthetic and natural opposing

## ARTICULATING AND SCANNING CLINICAL RECORDS (See figures below, reference steps)

1. Mount maxillary master cast
2. Screw temp/try-in to the maxillary master cast
3. Use interocclusal record to align opposing mandibular cast to the mounted maxillary master cast
4. Set articulator pin to 0
5. Mount opposing mandibular cast
6. Make putty verification matrix between maxillary master cast and mandibular opposing cast
7. Remove maxillary master cast from articulator
8. Scan maxillary temp/try-in on the master cast
  - a. If using a patient's provisional it can go back to the patient after scan complete (CONFIRM SCAN BEFORE RETURNING)

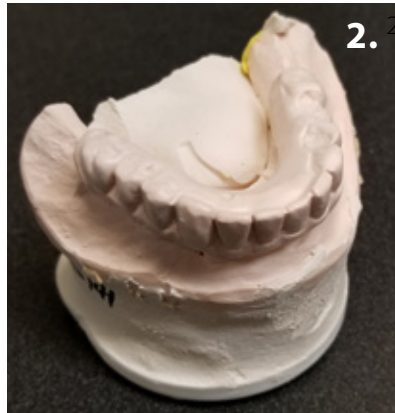


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## **RESULT:**

1. Mounted maxillary verified soft tissue master cast
2. Mounted mandibular opposing cast
3. Putty Verification Matrix



**RECORDS NEED TO BE SHIPPED TO AVADENT AND SUBMIT SCAN**

## **TIP: Additional scans can be sent to AvaDent to begin digital production while records are in transit**

1. Bite: Maxillary Master Cast + Mandibular Opposing Cast
  - a. Use putty verification matrix to scan casts independent of articulator
  - b. If scanner permits, records can be scanned on articulator (e.g. Sirona Ineos X5)
2. Maxillary Master Cast with 20 mm guide pins screwed in analogs
3. Maxillary Master Cast with Temp/Try-in (scan completed during articulation)
4. Mandibular Opposing Cast