

## HYBRID SINGLE ARCH

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

#### DESCRIPTION

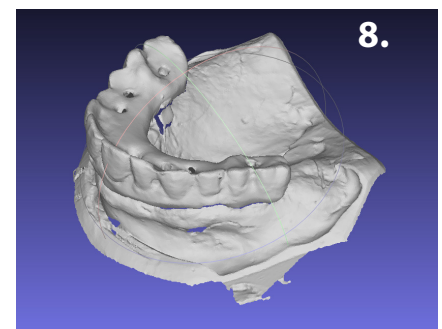
This protocol can be used for treating maxillary or mandibular single arches (written for maxillary) and when a scanner is available at the clinical appointment. The patient's existing prosthetic can be scanned attached to the master cast and then returned to the patient.

#### 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)

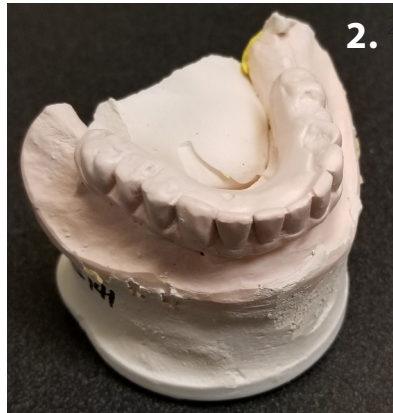
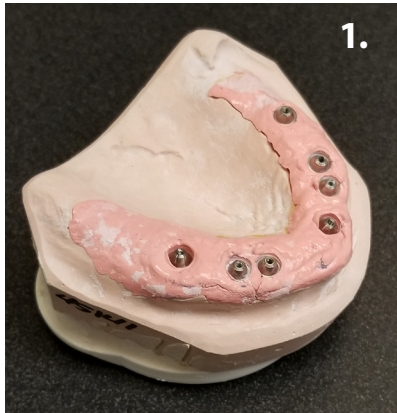


## HYBRID SINGLE ARCH

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

### 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

## HYBRID SINGLE ARCH

### NO SCANNER AVAILABLE AT THE CLINICAL APPOINTMENT, SHIPPING SETUP REFERENCE

#### DESCRIPTION

This protocol can be used for treating maxillary or mandibular single arches (written for maxillary), when scanning is not possible at the clinical appointment, and if the clinician can ship the patient's reference prosthetic (either wax-up, try-in, or duplicated existing prosthetic) to AvaDent for scanning.

#### 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 setup reference (either wax-up, try-in, or duplicated existing prosthetic)
4. Interocclusal record between setup reference prosthetic and natural opposing

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

1. Mount maxillary master cast
2. Attach screw-retained setup reference prosthesis to the maxillary master cast
3. Use interocclusal record to align mandibular opposing cast to the mounted maxillary master cast
4. Set articulator pin to 0
5. Mount mandibular opposing cast
6. Make putty verification matrix between maxillary master cast and mandibular opposing cast



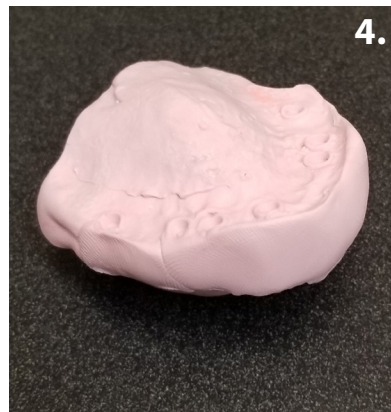
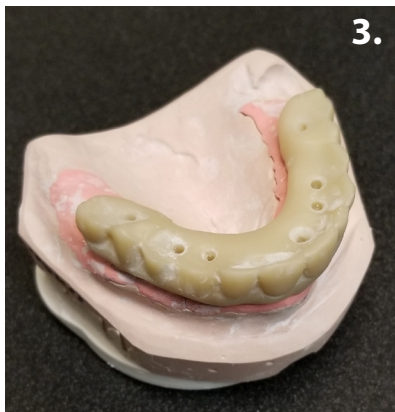
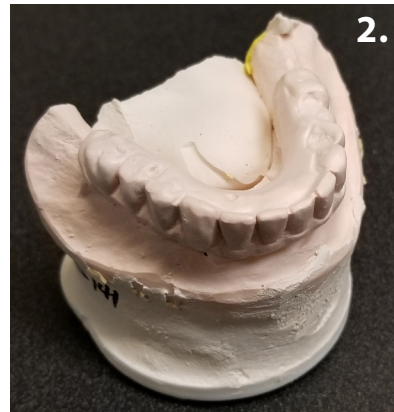
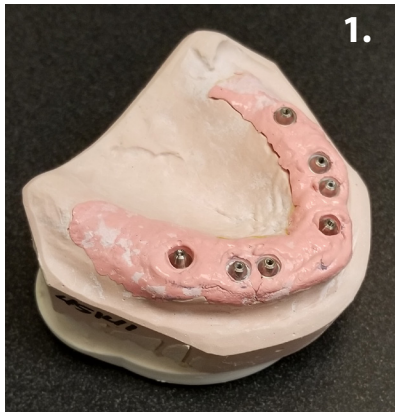


## HYBRID SINGLE ARCH

### NO SCANNER AVAILABLE AT THE CLINICAL APPOINTMENT, SHIPPING SETUP REFERENCE

#### RESULT:

1. Mounted maxillary verified soft tissue master cast
2. Mounted mandibular opposing cast
3. Screw Retained Reference Prosthetic
4. Putty Verification Matrix



**RECORDS NEED TO BE SHIPPED TO AVADENT**

**TIP: If scanner is available after clinical appointment, the following 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 screw-retained setup reference
4. Mandibular Opposing Cast

## HYBRID SINGLE ARCH

### NO SCANNER AVAILABLE AT THE CLINICAL APPOINTMENT, UNABLE TO SHIP SETUP REFERENCE

#### DESCRIPTION

This protocol can be used for treating maxillary or mandibular single arches (written for maxillary), when there are no scanning capabilities at the clinical appointment, and the clinician cannot ship the patient's existing reference prosthetic to the lab or AvaDent. The reference for the setup (existing prosthesis) will be duplicated in stone, cross mounted to opposing, and 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 prosthetic impression
  - a. Make maxillary master cast
4. Interocclusal record between existing prosthetic and natural opposing

#### ARTICULATING CLINICAL RECORDS

1. Mount maxillary master cast
2. Attach screw-retained existing prosthesis to the maxillary master cast
3. Use clinical bite record to align mandibular opposing cast to the mounted maxillary master cast
4. Set articulator pin to 0
5. Mount mandibular opposing cast
6. Make putty verification matrix between maxillary master cast and mandibular opposing cast
7. Remove master cast and setup reference from articulator
  - a. If using a patient's existing temporary, it can go back to the patient
8. Place interocclusal record on the mounted opposing cast
9. Use interocclusal bite record to align maxillary reference cast to mandibular opposing cast
10. Mount maxillary reference cast

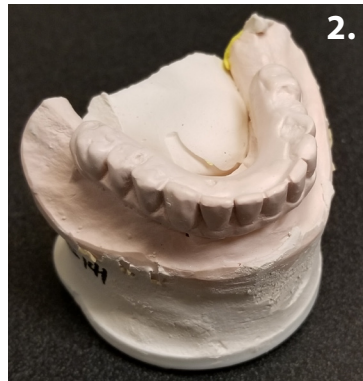


## HYBRID SINGLE ARCH

NO SCANNER AVAILABLE AT THE CLINICAL APPOINTMENT, UNABLE TO SHIP SETUP REFERENCE

### RESULT:

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



**RECORDS NEED TO BE SHIPPED TO AVADENT**

**TIP: If scanner is available after clinical appointment, the following scans can be sent to AvaDent to begin digital production while records are in transit**

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