

AVADENT-WAGNER EZ GUIDE PROTOCOL

RELIABLE, PREDICTABLE AND EASY - ALWAYS 3 SHORT APPOINTMENTS

APPOINTMENT 1

- A. Final Impressions
- B. Papillameter Measurement
- C. Tooth Mould Selection



APPOINTMENT 2

- D. Seat Try-In
- E. Refine Anterior Teeth
- F. Interocclusal Record



APPOINTMENT 3

- G. Deliver Final Dentures



OVERVIEW

The Avadent / Wagner EZ Guide protocol is designed to allow the clinician to produce high-quality AvaDent digital dentures in just 3, thirty minutes appointments. The technique can also be used as the basis for implant-based prostheses and can be the foundation for more sophisticated tissue-based removable prostheses as well.

APPOINTMENT 1: IMPRESSIONS & MEASUREMENTS IN 30 MINUTES



A. IMPRESSION OVERVIEW

Although any impression technique is accepted for final impression making, we recommend the following technique using Wagner impression trays and/or the materials of your choice.

Dentsply's Aquasil Ultra + Fast Set impression material is demonstrated here. Aquasil Ultra + Fast Set Heavy is used for border moulding and Aquasil Ultra + Fast Set LV is used for the final impression.

A.1. HEAT THE TRAYS

Heat the maxillary impression tray in 160° F (70°C) water for 1 minute. For details see the videos on bigjawbone.com.

Repeat for the mandibular ridge.

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A.2. SHAPE THE TRAYS

Place the tray in the patient's mouth and shape the tray to the patient's palate and alveolar ridge using border moulding motions. Again, for details, see the video on bigjawbone.com.

Repeat for the mandibular ridge.



A.3. EVALUATE AND MODIFY THE TRAYS

The trays can be trimmed with scissors or material added (extra material comes with each tray and the trays can be stretched). You can perforate the tray for open tray implant impression if required. Apply tray adhesive to the trays.



A.4. BORDER MOULD THE TRAYS

Border mould the trays. For details see the videos on bigjawbone.com. Repeat for the mandibular ridge



A.5. CREATE RELIEF

If the tray material shows the PVS material, remove it with a carbide bur.

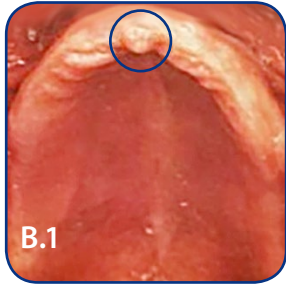


A.6. MAKE FINAL IMPRESSIONS

Make the final impressions.

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B.1

← B.1. PAPILLAMETER MEASUREMENT

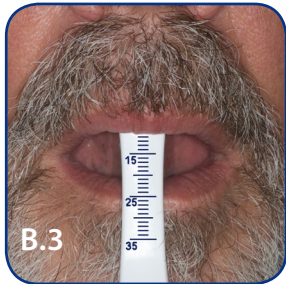
The incisive papilla is an important anatomic landmark when determining the position of the maxillary central incisor.



B.2

B.2. SET THE PAPILLAMETER →

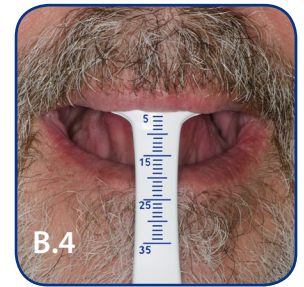
The papillameter is placed on the anterior alveolar ridge centering the incisive papilla in the middle of the instrument.



B.3

← B.3. ASK THE PATIENT TO RELAX THEIR UPPER LIP

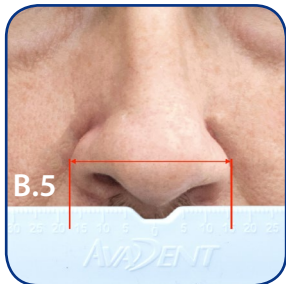
Record the length of the upper lip in mm.



B.4

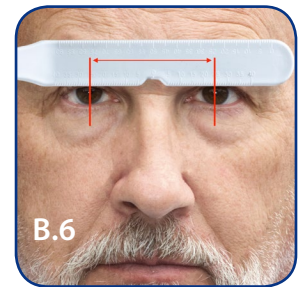
B.4. ASK THE PATIENT TO SMILE →

Record the high smile line in mm.



B.5

← B.5. RECORD THE MAX DIMENSION OF THE ALA



B.6

B.6. RECORD THE INTERPUPILLARY DIMENSION →



← C. TOOTH MOULD

Select the tooth mould and shade of your choice.

For a complete list of tooth moulds please see AvaDent.com

This completes the first appointment. The patient is dismissed and the impressions, papillameter measurements and the tooth mould plus shade selection are sent to the AvaDent laboratory.

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THE WAGNER TRY-IN IS FABRICATED AT THE AVADENT LABORATORY



APPOINTMENT 2: TRY-IN ADJUSTMENTS AND RECORDS TAKING IN 30 MINUTES



D. SEAT THE TRY-IN

Adjust the bases if necessary. Check the orientation of the horizontal occlusal plane. Check the midline. Adjust the midline if necessary.



E. EVALUATE TOOTH POSITION

Evaluate the length and position of the central incisors. Adjust if necessary. Create a natural smile by moving the anterior teeth.



F. RECORD OVD AND CENTRIC RELATION

Determine the occlusal vertical dimension and record centric relation. Adjust if necessary. Position the lower anterior teeth into their proper position.

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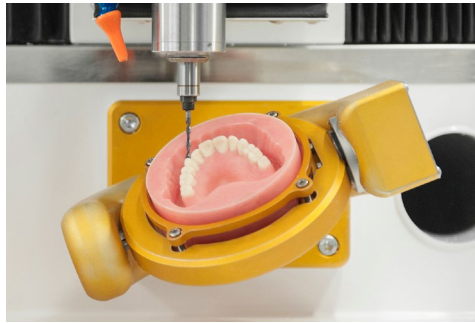


G. OBTAIN THE PATIENTS' APPROVAL FOR ESTHETICS



After obtaining the patient's approval, make an interocclusal record with PVS and send the Wagner Try-In to the AvaDent laboratory.

THE FINAL DIGITAL DENTURE IS FABRICATED AT THE AVADENT LABORATORY



APPOINTMENT 3: DELIVERING FINAL DENTURES IN 30 MINUTES



H. SEAT THE DENTURES

The dentures are delivered to the patient using traditional seating techniques.

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