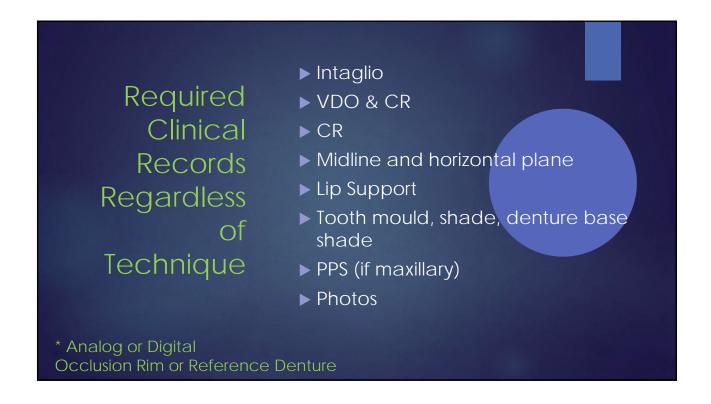
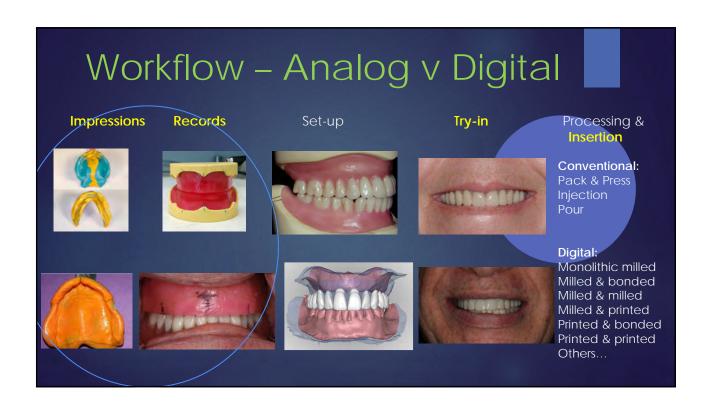
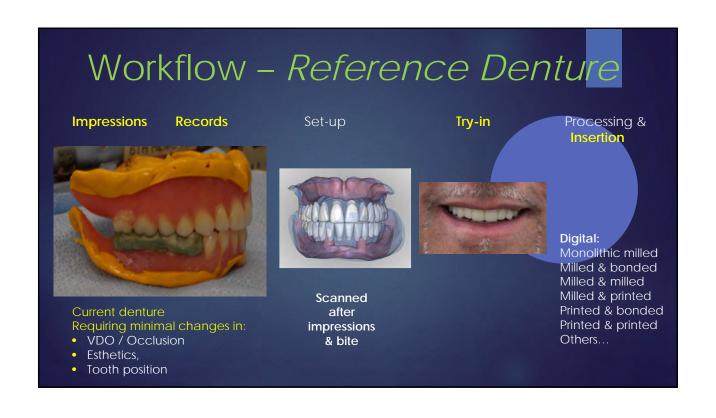


Table of Contents:	
 Complete Denture Workflow Clinical Techniques Clinical Records Required Set-up & Appt Tasks Checklist for send out a case Req'd Photos – Wax rim technique Req'd Photos – Reference Denture Req'd Photos – Interim/Immediate Denture Lab Rx template – for BTI Lab Rx template – for final milled dentures Digital Preview Evaluation BTI Try-in Denture Shade Tabs 	2-3 4-5 4-5 6-9 10 11-12 12-13 13 14 15 16-30 31-35 36-37









Digital Denture Final Impression Procedure

INSTRUMENTS AND SUPPLIES

- Removable Pros Cassette
- High volume suction
- Heavy PVS and tips
- LV & XLV PVS and tips
- PVS Adhesive & brush

- 2 Impression Guns
- Mixing blade and fine scissors
- Camera

PRE-OPERATIVE TASKS

- "Have there been any changes to your health or medicines"? Take BP.
- Are opposing impressions needed for this patient:
- Have ready: Ccustom tray(s) with double blockout or Massad tray(s)
- Or
- Patient preferences: Does the patient want a set up similar to their denture?
 What changes do they want? If denture is to be copied, do duplicate denture technique

APPOINTMENT TASKS - AFTER Final impressions are made

- Posterior Palatal Seal procedure
 - Draw on palate with indelible pencil (Thompson stick) TAKE PHOTO
 - Record 5 compressible depths across AVL on paper
 - Transfer to cast and score when available
- Progress note will have questions for Digital Denture
- Be sure you check off you are doing a digital denture
- Pour cast and score PPS
- Fabricate Record Bases and Occlusion Rims

Digital Denture Intermaxillary Records Procedure

INSTRUMENTS AND SUPPLIES

- Removable Pros Cassette
- Long piece of floss
- Bite registration material and tips
- 1 Impression Gun
- 2 Tongue blades

- Hot water bath
- Wax spatula & Flat plane
- Marker
- Camera
- Thompson stick

PRE-appointment TASKS

- "Have there been any changes to your health or medicines"? Take BP.
- · Have ready: Records bases and Occlusion Rims

APPOINTMENT TASKS - AFTER WAX RIMS are FULLY ADJUSTED

- Take PHOTOS: full face photo; profile; up close smile photos (all photos should show closed mouth, repose/slightly open, smile, and BIG smile) with current denture and with adjusted occlusion rims. A retracted edentulous/ridges parallel & retracted occlusion rims (with midline, canine lines and high smile lines) should also be taken
- Shape the wax rims to develop correct:
 - · Vertical dimension
 - Incisal edge position
 - Lip support
 - Horizontal plane
- Posterior Palatal Seal procedure
 - Draw on palate with indelible pencil (Thompson stick) TAKE PHOTO
 - Record 5 compressible depths across AVL on back of cast
 - Transfer to cast and score ½ depths when available
- Mark the wax rims:
 - Midline
 - Canine lines
 - High smile line

 Shade: Avadent XCL1 Shade guide or Dentsply Portrait See page 8 Moulds: Dentsply Portrait: See page 8 	
• Denture base shade : circle one Fibered light, Fibered Dark (similar to 50:50), Extra Dark to Lucitone Dark), Lucitone 199 Original Shade and Clear	د (similar
 Patient preferences: Does the patient want a set up similar to their denture? What char they want? If denture is to be copied, do duplicate denture technique 	nges do
Class I II III unilateral / hilateral cross-hite (estimate):	

• Occlusal scheme: (circle one) LINGUALIZED MONOPLANE Flat/Curve BIOCOPY OPPOSING

Digital Denture Impression & Records Procedure Reference Denture Technique

INSTRUMENTS AND SUPPLIES

- Removable Pros Cassette
- High volume suction
- Long piece of floss
- Heavy Material (PVS) and tips
- Extra-Light Wash Material (XLV - PVS) & tips

- Adhesive & Brush
- Bite registration material and tips
- 3 Impression Guns
- Lab blade and fine scissors
- 2 Tongue blades
- Slow speed handpiece, straight nose att
- Marker
- Camera

PRE-appointment TASKS

- "Have there been any changes to your health or medicines"? Take BP.
- Are opposing impressions are needed for this patient:
- Have ready the duplicated dentures

APPOINTMENT TASKS - AFTER IMPRESSION MATERIAL HAS BEEN ADDED TO DUPLICATE DENTURE

- PHOTOS: Take full face photo; profile; up close smile photos (all photos should show closed mouth, repose/slightly open, smile, and BIG smile) with current denture and with duplicated dentures if changes have been made. A retracted edentulous/ridges parallel & retracted occlusion rims (with midline, canine lines and high smile lines) should also be taken
- Posterior Palatal Seal procedure
 - Draw on palate with indelible pencil (Thompson stick) TAKE PHOTO

 Transfer to impression and add wa 	ax according to the 5 compressible depths
 Vertical dimension changes: 	Check Sibilants (How much does the vertical
	record if needed? Specify + or -) - 3mm is limit
• Lip support	(are the teeth set too facial or lingual?, check by
looking at upper teeth on wet dry li	ne of lower lip, check SH sound for lower teeth)
• Incisal edge position too high or low?),	check Fricatives, High Smile Line (are the teeth
• Horizontal Plane? Teeth on Lor R n	eed to go UP or DOWN by how many mm?
• Midline circle UPPER or LOWER nee	eds to go L or R how many mm?

- Shade: Avadent XCL1 Shade guide _____ or Dentsply Portrait _____ See page 8
- Moulds: Dentsply Portrait: See page 8
- **Denture base shade**: circle one Fibered light, Fibered Dark (similar to 50:50), Extra Dark (similar to Lucitone Dark), Lucitone 199 Original Shade and Clear
- Patient preferences: What changes do they want from their current dentures, if any?
- Class I, II, III, unilateral / bilateral cross-bite (estimate):
- Occlusal scheme: (circle one) LINGUALIZED MONOPLANE Flat/Curve BIOCOPY OPPOSING

Immediate Denture Impression Procedure

INSTRUMENTS AND SUPPLIES

- Removable Pros cassette
- High speed suction and tips
- Heavy body PVS & tips
- LV & XLV PVS and tips
- PVS Adhesive & brush

- Bite registration material and tips
- 3 Impression Guns
- Impression trays
- Periphery wax
- · Long piece of floss
- Camera

PRE-appoinment TASKS

- "Have there been any changes to your health or medicines"?
- Make opposing impression if this appointment is for a single arch, with any existing partial or denture in place
- PHOTOS: Take full face photo; profile; up close smile photos (all photos should show closed mouth, repose/slightly open, smile, and BIG smile) with current denture and with duplicated dentures if changes have been made. A retracted edentulous/ridges parallel & retracted occlusion rims (with midline, canine lines and high smile lines) should also be taken

APPOINTMENT TASKS

Circle one:

PERFECT

- Posterior Palatal Seal procedure
 - Draw on palate with indelible pencil (Thompson stick) TAKE PHOTO

 Transfer to impression and 	add wax according to the 5 compressible depths
	<u>Check Sibilants</u> (How much does the <u>new</u> bite record if needed? Specify + or -) - 3mm is limit
	(are the teeth set too facial or lingual?, check by / line of lower lip, check SH sound for lower teeth)
Incisal edge position- teeth too high or low?),	check Fricatives, High Smile Line (are the
• Horizontal plane? Teeth on L or R	need to go UP or DOWN by how many mm?
• Midline circle UPPER or LOWER n	eeds to go L or R how many mm?
• Shade: Avadent XCL1 Shade guide	e or Dentsply Portrait See page 8
• Moulds: Dentsply Portrait:	See page 8
 Denture base shade: circle one F Lucitone Dark), Lucitone 199 Origi 	ribered light, Fibered Dark (similar to 50:50), Extra Dark (similar to inal Shade and Clear
• Patient preferences: Does the pat possible to their own teeth? Speci	tient want straight teeth? Do they want dentures to look as close as ific requests like diastema?

Occlusal scheme: (circle one) LINGUALIZED MONOPLANE Flat/Curve BIOCOPY OPPOSING

JUST LIKE THEIR OWN TEETH

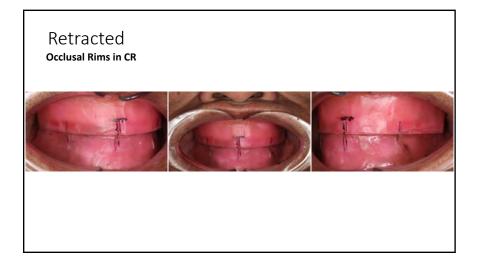
NATURAL BLEND

Clinical Photos:

Occlusion Rim Technique Reference Denture Technique Immediate & Interim Dentures BTI Try-in

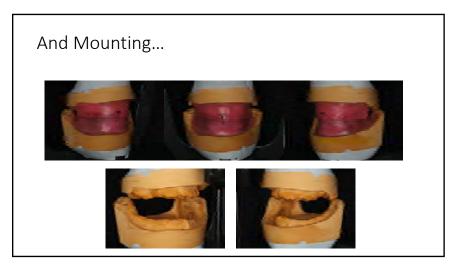


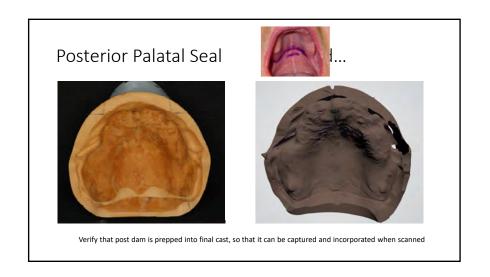




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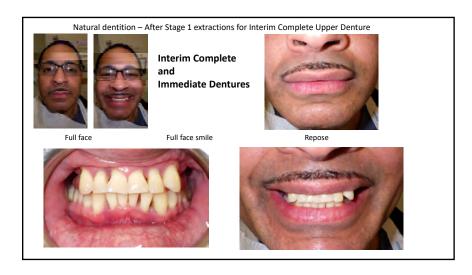




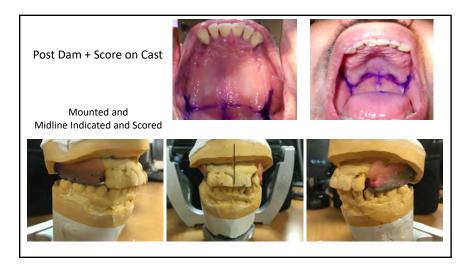


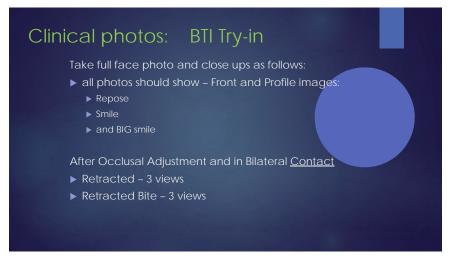
















Prescription Form Initial records for BTI



Student Name: _ XXX	XXX	Student BUID #	:U#	
Patient Name: _ XXX	XXX	Patient Chart #:	: XXXXXXX	
Restoration: _CU/CL _	Material: _ Monolithic _	Lab: AvaDent	Sent:	Due:
Return as: _ BTI	Shade: _ Tooth & Dentu	ıre Base Shades		
	Custom S	hade Design Diagram		
	13 13 14 15 16		31 20 31 27 26 31 27 26 31	17 18 19 20 21
Special Instructions:	Patient's DOB	(Needed when	entering Rx thru	online Dashboard)
1. In house - Please s	can U/L casts (or impressions) a	and Occlusion rims (re	cords) for digita	dentures
2. Avadent - Please s	et the following teeth for Digita	l Preview:		
Dents	ply Portrait Upper Anterior Mo	uld Shade		
Dents	ply Portrait Lower Anterior Mo	uld		
Poste	rior Occlusion:			
	Lingualized			
	Monoplane:Flat	Curved		
	Biocopy opposing dentiti	on (for single arches)		
Thank you,	· · · · ·			
Your name/signature	e/contact info			
Faculty Drint Names Yes	··· CCF	h uma.		Data.
Finance Office	ur GSFSignaSignaSigna			
Quality Control	Schnell Signa			Date:

Prescription Form For changes or final denture



Student Name: _ XXX XXX		Student BUID #: _	U#	
Patient Name: _ XXX XXX		Patient Chart #: _	XXXXXXX	
Restoration: _CU/CL				
Return as: _Final denture(s)_	Shade: _ Tooth	& Denture Base Shade	es	
	Custom Sha	de Design Diagram		
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	图"。		28	AD
(E)	APP OOC	000	26 25	24 23
Special Instructions:				
1. In house - (only if ne	w scans are needed)			
a. Please scan U/L	casts (or impressions) and	Occlusion rims (reco	rds) for digital de	entures
2. Avadent -		·		
2. Avadent				
a. If changes need	l to be made Please mal	ke the following chan	ges	
	eed to be made Good B	Π try-in. Please comp	olete the final mi	lled
monolithic dent i. Tooth shad	• •			
	se shade			
	ne in denture			
iv. Rugae on p	alate? Y / N			
Thank you,				
Your name/signature/conta	ct info			
Faculty				
Faculty Print Name:Your GSF	Signatur	re:	Da	te:
Finance Office				
Print Name:	Signatu	re:	Da	te:
Quality Control				
Print Name:Dr. Schnell _	Signatu	re:	Da	ate:

Digital Preview Evaluation

CLICK ON AND OFF THE "REFERENCE" VISIBILITY___

- 1. Check the pink bases first:
 - Correct extension and border thickness?
 - Poster palatal seal position?
 - Rugae present or not?
- 2. Verify set-up or changes requested from laboratory rx /appointment notes
- 3. Check teeth:
 - Midline compare to opposing arch and to reference
 - Horizontal plane evaluate for a cant
 - Evaluate tooth size and shape do posterior teeth match anterior
- 4. Is the occlusal scheme appropriate?
 - Tooth Position:
 - No incisal contacts in anterior
 - Tight occlusal contacts in posterior
 - Mandible:
 - Are the mandibular incisors centers to the crest of ridge or out past the depth of the vestibule?
 - Posteriors centered or slightly lingual to the crest of ridge (line drawn from the mesial of the canine to the lingual of the RMP lines up with the lingual cusps)
 - Occlusal plane ½-2/3 RMP
 - Maxilla:
 - Facial surfaces of maxillary incisors ~6-8mm forward of the incisive papilla
 - Buccal cusps of posteriors 1.5-2mm "reveal" or offset to lower buccal cusps
 - Is balanced occlusion needed?
- 5. Do any teeth need to be excluded? Do diastemata need to be included?

CLICK ON THE VIEW PRESETS ATBOTTOM_

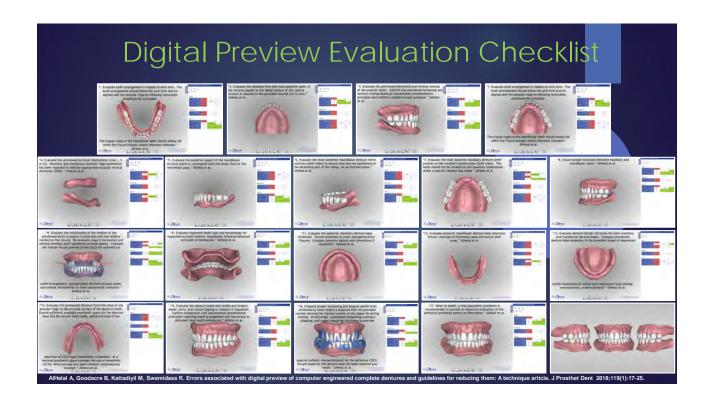
- 6. SUPERIOR VIEW of mandible only Line from mesial of canine to the lingual of retromolar pad (lingual cusps should follow this line)
- 7. SAGITTAL VIEW of mandible only Line from cusp tip of canine to 1/2 retromolar pad (posterior mandibular teeth cusps should follow this line or sink slightly below it)
- 8. SUPERIOR VIEW of maxilla Facial surface of maxillary incisors is about 6-8mm from the center of the incisive papilla
- ANTERIOR VIEW of maxilla Middle of the incisal edge of the central incisor to the mandibular residual ridge measures about 10-12 mm for restorative space for a mandibular overdenture
- 10. ANTERIOR VIEW of maxilla Incisive papilla to mandibular residual ridge should measure about 12-15mm at minimum for restorative space for a complete upper and lower digital denture

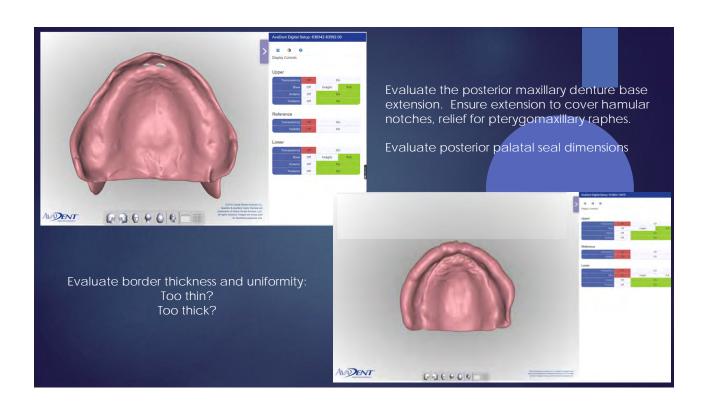
11. ANTERIOR VIEW of maxilla – Lowest point of tuberosity to highest point of retromolar pad should measure about 2-3mm of clearance for restorative space for a complete upper and lower digital denture.

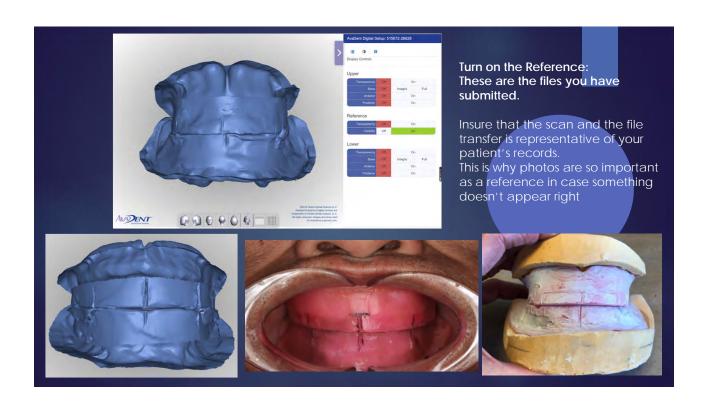
WAGNER TRY-IN (WTI):

- 12. ANTERIOR VIEW of maxilla only Middle of the incisal edge of the central incisor to the edge of the vestibule measures about 22mm (only an average for WTI)
- 13. ANTERIOR VIEW of mandible only Middle of the incisal edge of the central incisor to the edge of the vestibule measures about 18mm (only an average for WTI)

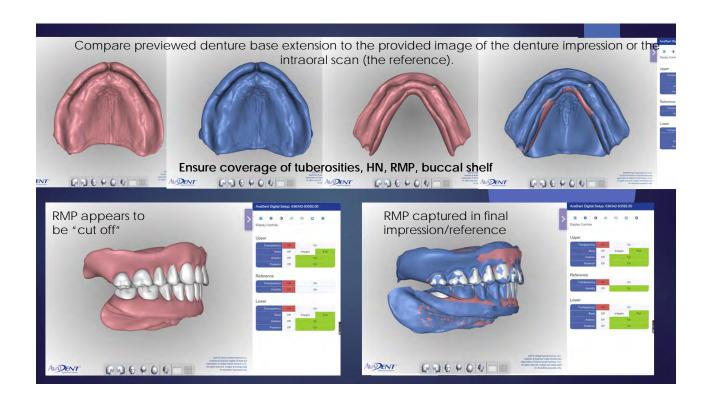
Digital Preview Evaluation Checklist Cerca social with field preview of empter engineer compiler entering force. Cerca social with field preview of most engineer of most engineer of most of the field preview of

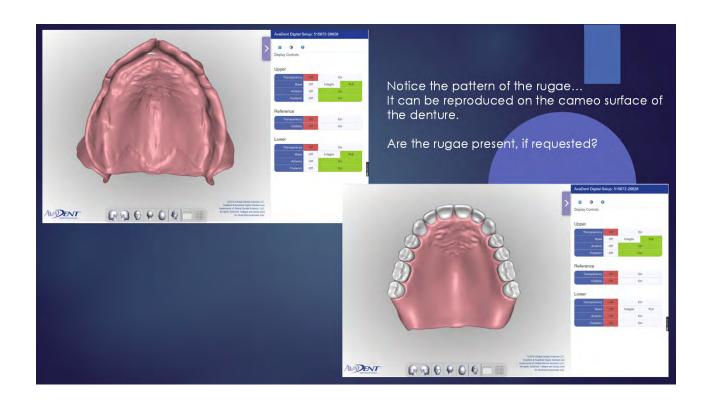


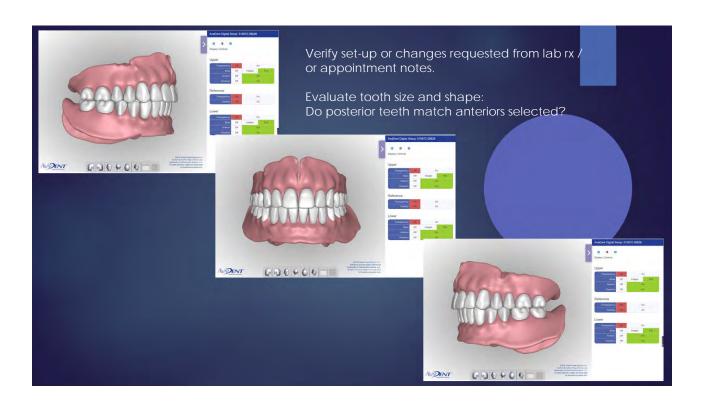


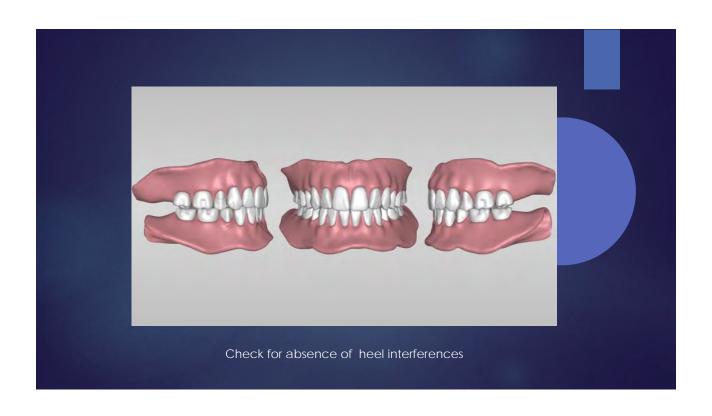


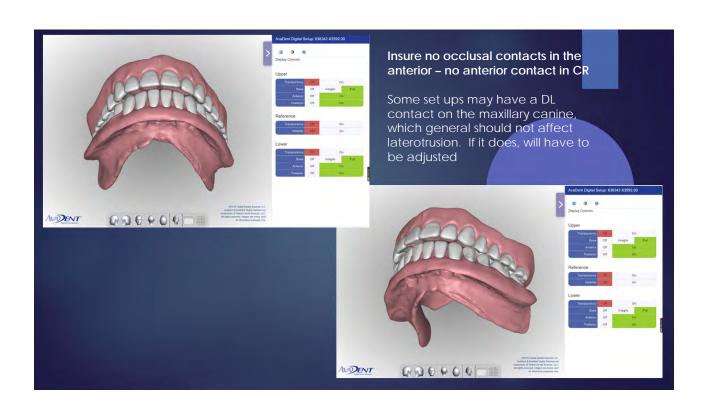


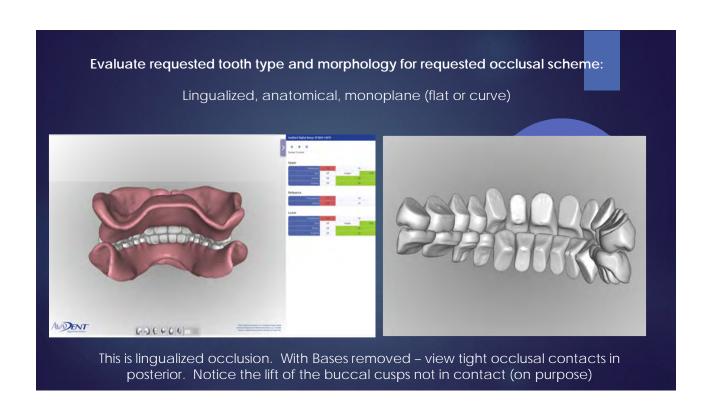


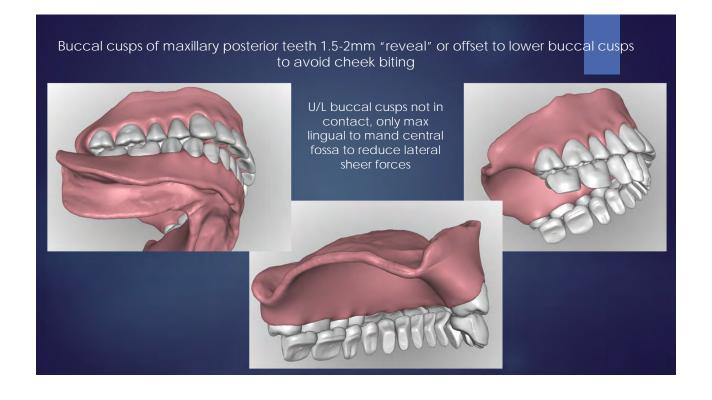


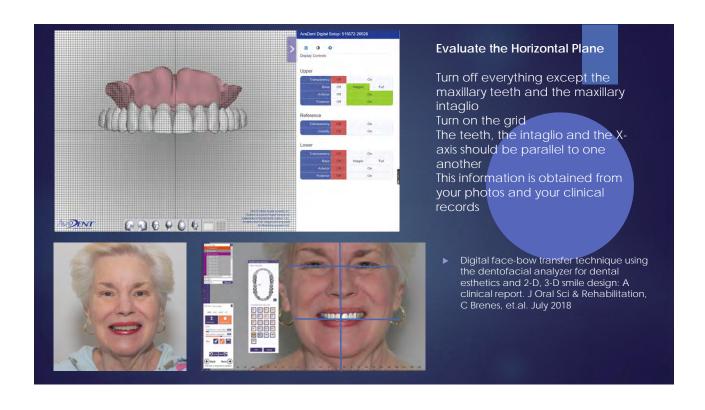


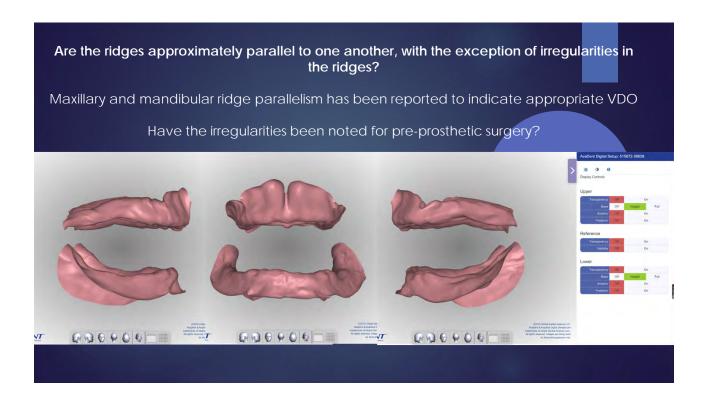


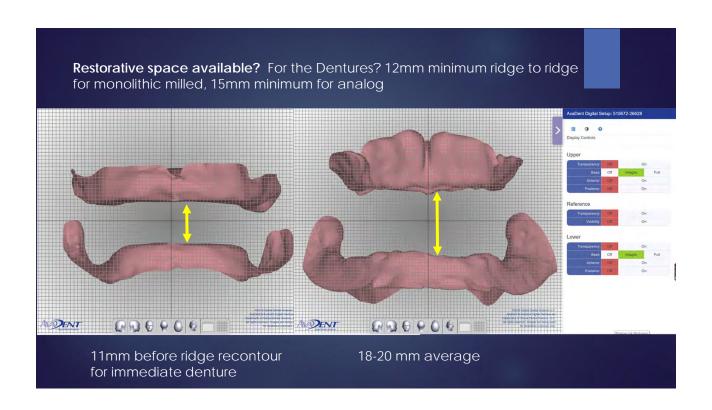


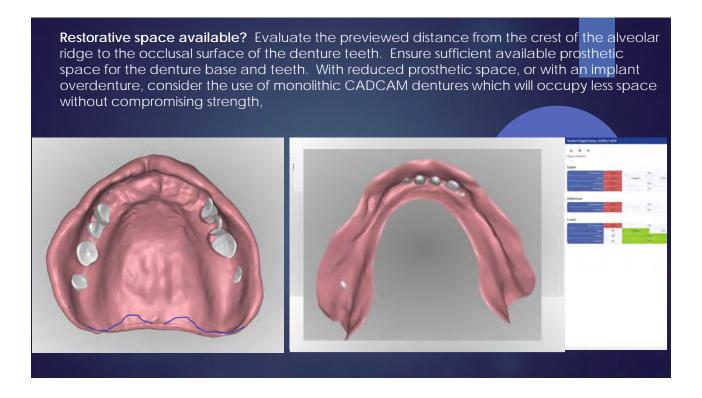


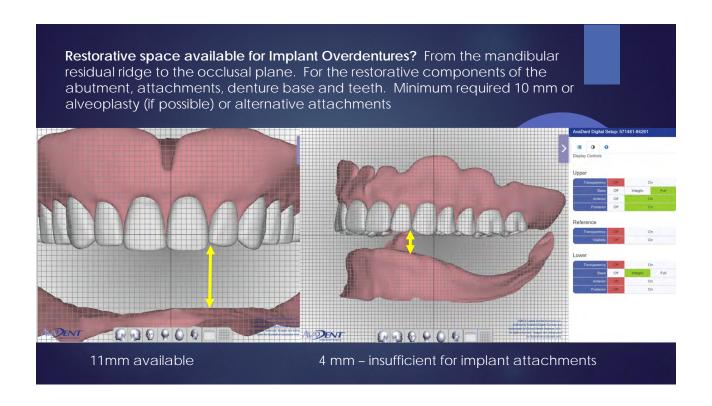


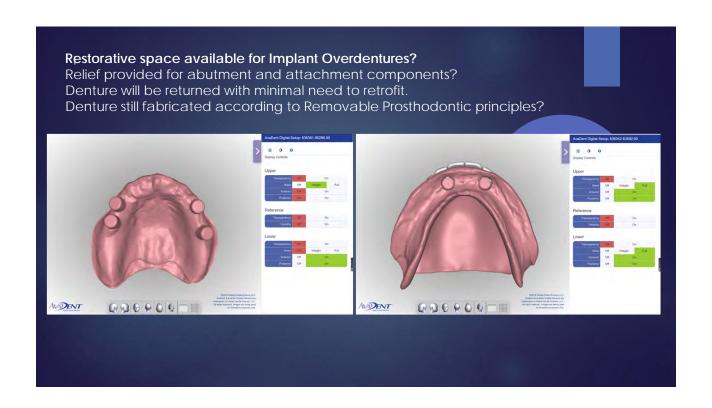


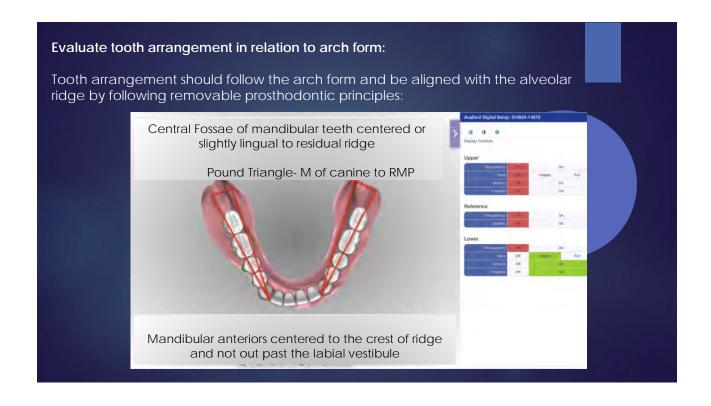


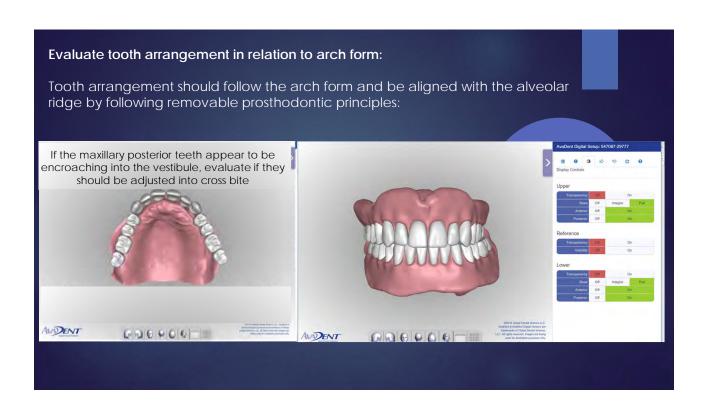


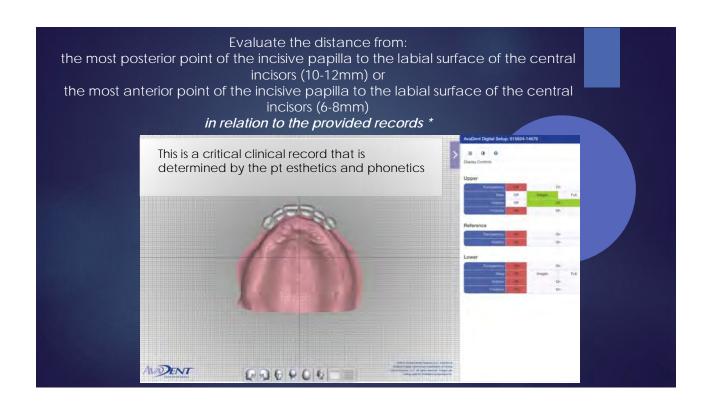


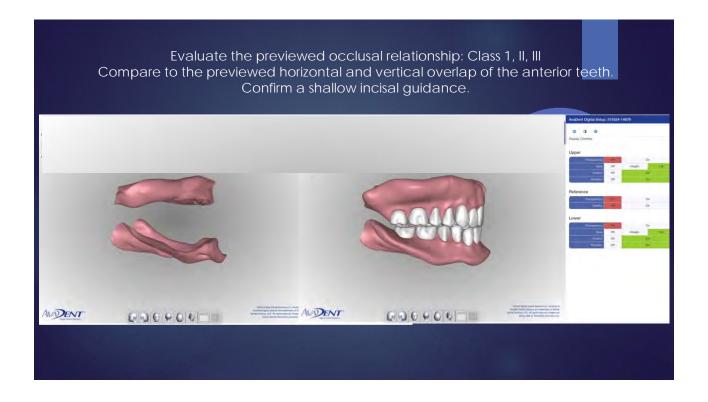


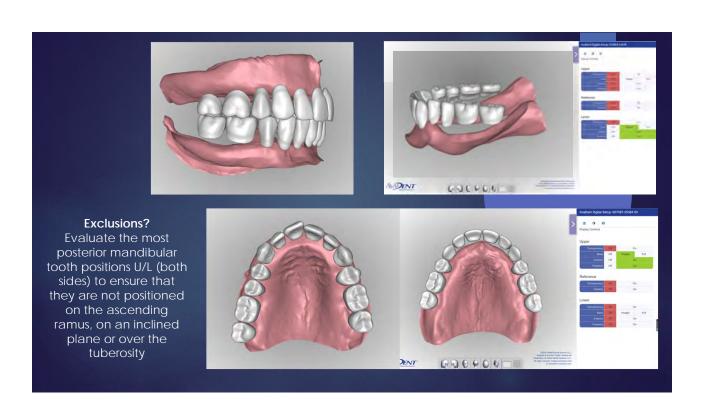


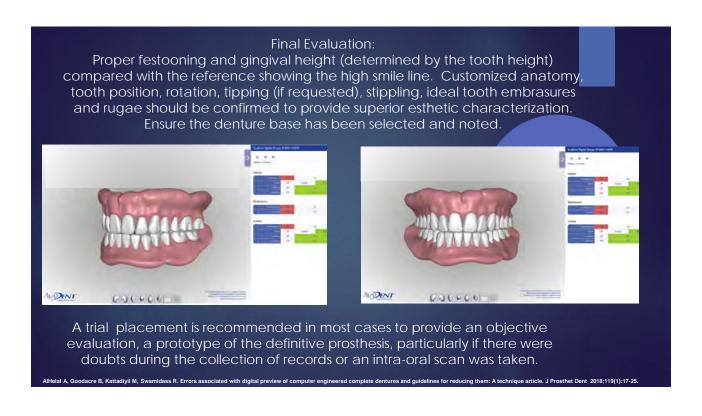












Digital Denture Try In BTI, ATI or Printed Procedure

INSTRUMENTS AND SUPPLIES

- Removable Pros cassette
- Long piece of floss
- Heavy body PVS and tips
- LV & XLV and tips
- PVS Adhesive
- Bite registration material & tips

- 3 Impression Guns
- Tongue blade
- Marker
- Disposable blade and fine scissors
- Camera
- Slow speed handpiece straight attachment
- Acrylic burs

PRE-OPERATIVE TASKS

- "Have there been any changes to your health or medicines"? Take BP.
- Try in the try-ins with PIP and adjust sharp spots or pressure areas

APPOINTMENT TASKS - AFTER MAKING NEW IMPRESSION OR BITE RECORD IF NEEDED

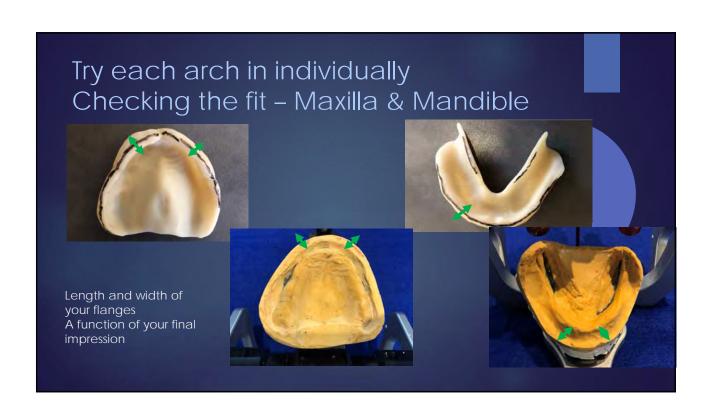
 Take full face photo; profile; up close smile photos (all photos should show closed mouth, repose/slightly open, smile, and BIG smile) – Before and After changes made
 Vertical dimension changes: Check Sibilants (How much does the vertical need to be changed from <u>new</u> bite record if needed? Specify + or -) - 3mm is limit
 Lip support(are the teeth set too facial or lingual?, check by looking at upper teeth on wet dry line of lower lip, check SH sound for lower teeth)
 Incisal edge position check Fricatives, High Smile Line (are the teeth too high or low?),
• Is there a cant ? Teeth on L or R need to go UP or DOWN by how many mm?
Midline circle UPPER or LOWER needs to go L
• Shade: Avadent XCL1 Shade guide or Dentsply Portrait See page 8
• Moulds: Dentsply Portrait: See page 8
• Denture base shade : circle one Fibered light, Fibered Dark (similar to 50:50), Extra Dark (similar to Lucitone Dark), Lucitone 199 Original Shade and Clear
• Patient preferences: Does the patient want changes to the set up or teeth? describe
• Class I, II, III, is it correct?
• Do any teeth need excluded (2 nd molars, 1 st premolars)? Rugae ok? Post palatal seal?

• If minimal adjustments or changes > can sign off on a digital preview, if major changes, make those changes, take a new CR and discuss with me (will we need a new milled try-in?)

How to evaluate the Try-in (BTI, ATI & printed) – In order:

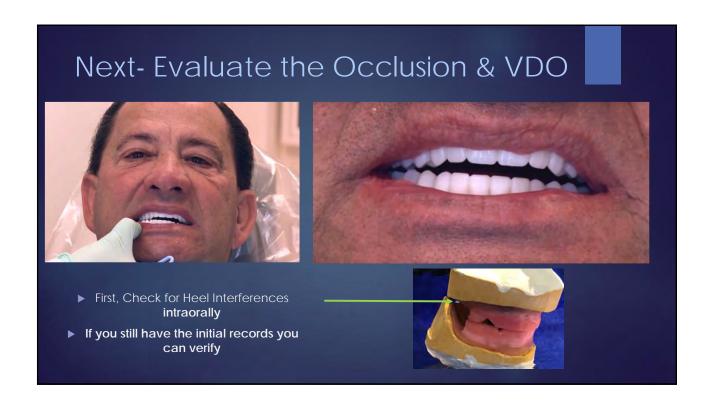
- ► Flange extensions and width (May need to adjust to seat)
- ► Fit of intaglio, including post dam may need to adjust with PIP to fit (like a denture insertion)
- ▶ CR & Occlusion (may need to adjust to perfect)
- ► Eval: Occlusal Plane
- ► Eval: Esthetics
 - ▶ Tooth Display, High smile line, Midline, Lip support
- ► Eval: Phonetics
 - Incisal edges, VDO

Try each arch in individually Checking the fit – Maxilla 1. If the Maxillary denture does not seat initially, a. evaluate the length and thickness of the borders b. Use PIP on the intaglio c. Evaluate the PPS 2. If the Maxillary denture seats, has good retention, but then drops when the pt starts to speak, a. Adjust the length of the denture

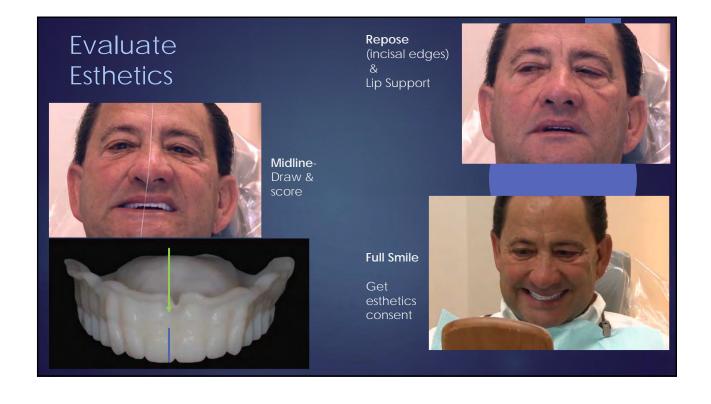














DENTURE SHADE TABS





Avadent shades XCL1, XCL2 vs Portrait Shades

A1, A2, A3, A3.5, B1, B2, C1, C2, D2

BL30 is closest to a Vita OM3 or Portrait PW2

BN00 compares closest to an A1



AvaDent® Digital Dental Solutions Shade Guide



XCL-1

AvaDent Extreme Cross-Linked Material
Available In AvaDent Shades: BN00, BN10, BN20, BN30, BN35, Clear, YW10, YW20, GY10, GY20, RD20, BL00, BL30

AvaDent Extreme Cross-Linked Material	Vita Classic	Remark
BN00	A1	or Lighter
BN10	A1-A2	
BN20	A2-A3	
BN30	A3-A3.5	
BN35	A3.5	or Darker
CLEAR		
YW10	B1	or Lighter
YW20	B2 C1	or Lighter or Lighter
GY10		
GY20	C2	or Lighter
RD20	D2	or Darker
BL00		
BL30		

PRINTED

NextDent MFH Material Available In NextDent Shades Shades: BLEACH, N1, N1.5, N2

NextDent MFH	Vita Classic	Remark
BLEACH	B1	or Lighter
N1	A1-A2	
N1.5	A3-A3.5	
N2	B3	





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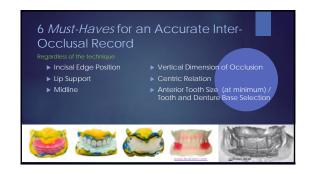














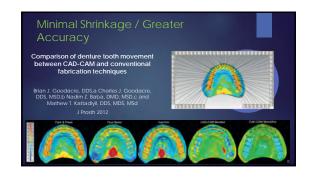












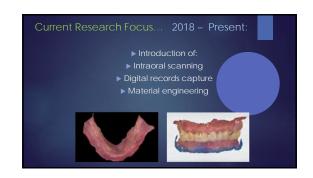








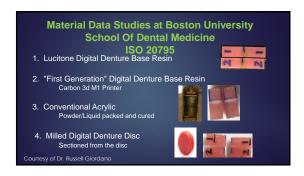


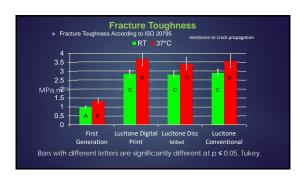


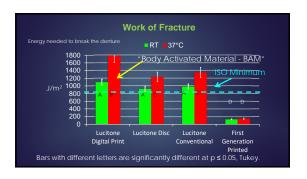


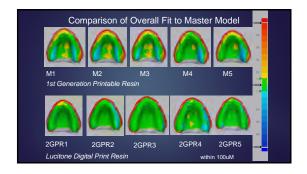




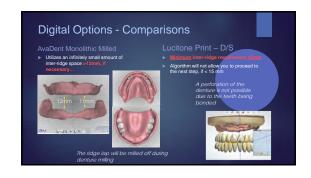
















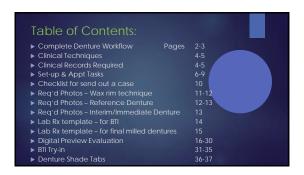






























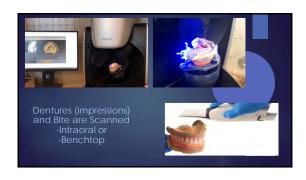




























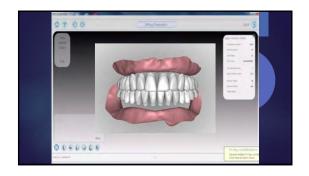




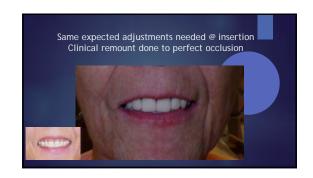








































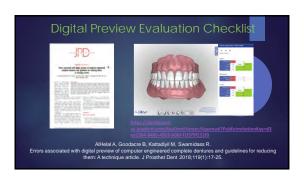












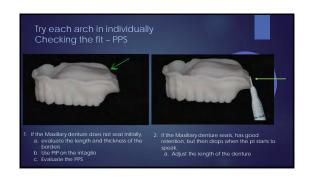










































































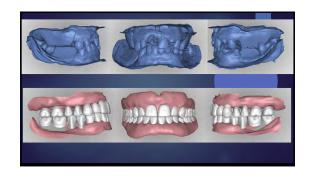


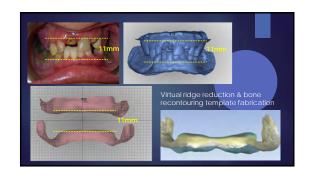




















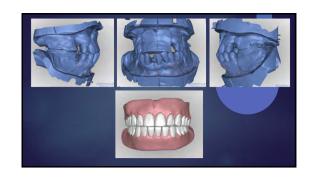














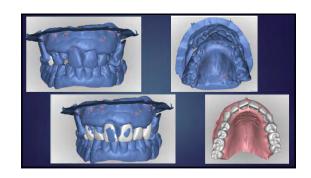
















After Healing and implant placement

Implant-retained Maxillary Denture















































