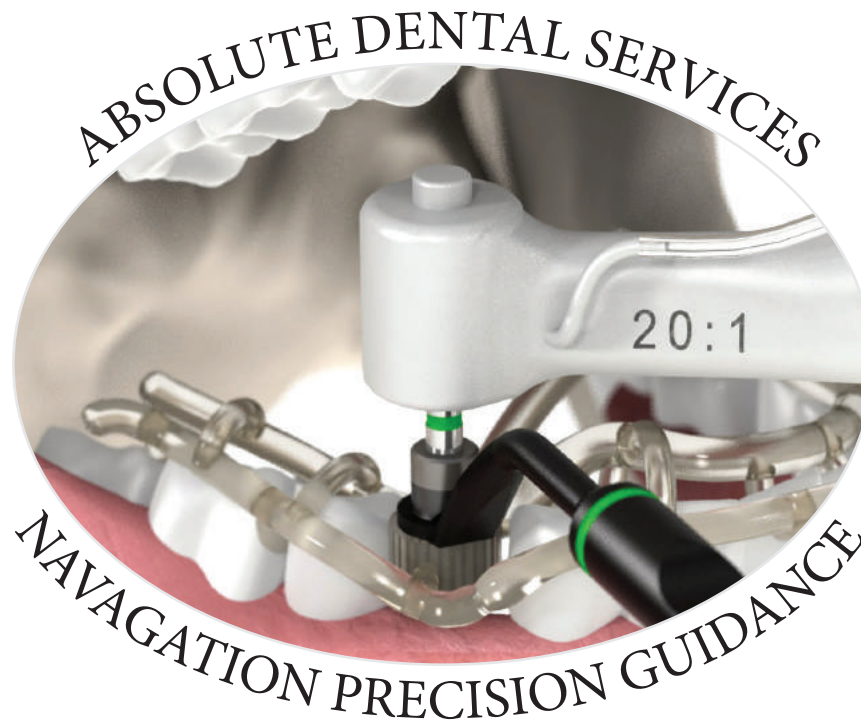




Established 1994

A CLINICIAN'S GUIDE TO SURGICAL PLANNING & GUIDED SURGERY



*Everything you need to know
from planning to final prosthetic*



www.absolutedentallab.com


Where Do I Start?

Treatment Plan and Rx

A detailed Rx makes the process more efficient & helps expedite your case


What we need

- Best contact info for review and approval process (We cannot proceed until case is reviewed by the Dr.)
- Implant placement and extraction sites
- Preferred Implant system
- How DICOM and impressions will be sent (Courier / Disk / USB - STL or PVS impression)
- Fully guided or pilot drill
- If full mouth;
 - Preferred final prosthesis (Screw retained / Clip bar / Locator etc.)
 - Guided surgery with immediate conversion
 - Guided surgery only (No conversion)



NAVIGATION GUIDED SYNERGY & PROSTHETICS PACKAGE

...Because what you don't know can hurt you!



ABSOLUTE DIGITAL TREATMENT PLANNING

SURGEON: _____ RESTORATIVE DR: _____

PATIENT: _____

DR(S) EMAIL(S) / CELL(S): _____

CONTACT NAME/INFO TO SCHEDULE REVIEW: _____

DELIVERY	DATE NEEDED: _____	TIME NEEDED: _____
	SURGERY DATE: _____	

IMPLANT TYPE/SIZES PREFERRED: _____

DO YOU HAVE A GUIDED KIT WITH HANDLES / SLEEVES? YES NO
(required for conversion)

WILL PROVIDE PLAN PREFERENCE

DIGITAL PLANNER TO SUGGEST IDEAL SETUP

TEETH TO BE EXTRACTED	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

IMPLANTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

DIAGNOSTICS

DICOM DATA (UNCOMPRESSED FULL ARCH DCM FILES NEEDED)

SENT VIA: USB DISK 360 COURIER

CBCT USED: _____

PATIENT PHOTOS *(required for conversion)*

IMPRESSION, OPPOSING & BITE REGISTRATION

SENT VIA: DIGITAL MODEL

GUIDE TYPE PILOT GUIDE FULLY GUIDED

PILOT DRILL SIZE: _____

NAVIGATION GUIDED SURGERY CHAIRSIDE CONVERSION

BONE REDUCTION NEEDED

GUIDE DESIGN	<input type="checkbox"/> TOOTH	<input type="checkbox"/> TISSUE	<input type="checkbox"/> BONE
	<input type="checkbox"/> QUADRANT	<input type="checkbox"/> FULL ARCH	

ABSOLUTE FIXED PROSTHETICS

SHADE: _____

SINGLE UNITS

TEMPORIZATION: PREOPERATIVE TEMP SAME DAY TEMP

FINAL RESTORATION: SCREW RETAINED CEMENT RETAINED

HYBRID SOLUTIONS:

F-TX FIXED HYBRID

CUSTOM HYBRID OPTIONS:

SUBSTRUCTURE: CARBONFLEX BAR TITANIUM BAR

ZIRCONIA BAR WITH TITANIUM INTERFACES

ACRYLIC OPTIONS: WRAPPED ACRYLIC MILLED PMMA

ZIRCONIA OPTIONS: ADZIR HIGH STRENGTH ZIRCONIA

ENVISION HIGH TRANSLUCENCY ZIRCONIA

MONOLITHIC ZIRCONIA LAYERED ANTERIOR

PREMIUM HYBRID OPTION:

MASTER CRAFTED COCR HYBRID BAR WITH LAYERED CERAMICS

REMOVABLE PROSTHETICS

CLIP BAR WITH DENTURE:

LOCATOR BAR HADER DOLDER

CONUS DENTURE

LOCATOR OR ERA

SPECIAL INSTRUCTIONS: _____

DENTIST SIGNATURE

DENTIST LICENSE

3600 University Drive | Durham, NC 27707

By signing and submitting this prescription the undersigned is agreeing to pay for the item(s) prescribed.

Surgical Planning Rx Pad available upon request, or download @ AbsoluteDentalLab.com

Complex And Full Mouth Cases

Patient Pictures

This information allows us to;

- Determine bone reduction based on smile-line
- Patient expectations–Absolute can super-impose diagnostic wax-up into smile pics for patient approval
- Please send digital pics to shades@absolutedentalservices.com








PHOTO PROTOCOL





- 1. Full Face:**
Capture from the top of the patient's head to just below the chin. This should be taken with the patient standing, facing directly in front of your camera. Have the patient smile and keep eyes open.


- 2. Full Smile, Close-Up:**
This photo should be taken by having the patient relax their lips and then laugh to get a full smile. Also needs to be from just below the nose to below the lower lip.


- 3. Relaxed Lip, Close-Up:**
This photo should be taken in the relaxed lip position. You can have the patient say the letter M to get this position. Photo should be close-up from just below the nose to below the lower lip.


- 4. Retracted Lips:**
Include posteriors and as much gingiva as possible. Also make sure this shows the correct position of the midline. Photo should be close-up from just below the nose to below the lower lip.


- 5. Side Profile:**
Take photo from the side profile to show lip support with lips relaxed.



www.AbsoluteDentalLab.com

Diagnostic Photo Protocol available upon request, or download @ AbsoluteDentalLab.com

Dual Scan Protocol - Edentulous Patients

IMAGING DUAL SCAN PROTOCOL



ITEMS NEEDED

- Patient
- Patient Denture or Removable Appliance
- SureMark Markers
- FutarBite Registration, Radiation Approved (Recommended for Edentulous)
- Chairside Hard Reline – Recommended to ensure snug fit against the soft tissue (MUST be a non-metallic substance that is radiation approved such as Tokuyama Rebase II)



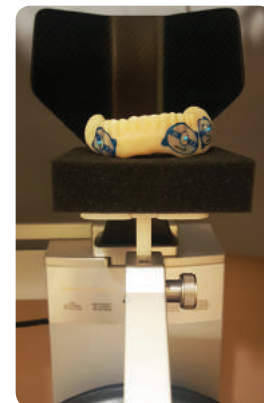
PREPARATION

- Check fit of appliance
- Hard reline as necessary
- Dry the appliance so the markers will adhere properly. We need to be sure that the markers do not move
- Mark the appliance with six markers for a partial or full arch appliance
- Cut the markers if necessary so that they fit on the appliance
- Place markers randomly on the appliance (Mesial, Distal, Superior, Inferior, Buccal, Lingual)
 - * Be sure the markers are NOT on the intaglio (soft tissue) surface



SCANNING

- Scan the appliance first
 - * Position the appliance in the scanner as if it is in the patient's mouth (place onto a foam or styrofoam block)
 - * Scan the appliance with the same settings that you use for a patient scan
- Be sure that all markers are clearly visible in the scan of the appliance
- Prepare a bite registration if the patient is wearing a full arch appliance to ensure the appliance is seated
- Scan the patient
 - * Use normal implant planning protocols and the largest FOV
 - * Ask the patient to bite firmly on the bite registration to blanch the gingiva
- Be sure all the markers are visible in the patient scan and that the appliance is seated properly



www.AbsoluteDentalLab.com

Dual Scan Protocol available upon request, or download @ AbsoluteDentalLab.com

Scanning Protocol & DICOM Transfer

DICOM Data

How to send the information

- USB
- Disc
- HIPPA Compliant Web Based Portal (Call your Absolute team to set this up)
- DropBox

CBCT Scanning Q & A

- Always take a full, dual arch scan
- If possible, set DICOM to .2 slice thickness
- Export in raw uncompressed DCM format – Send all files – We cannot plan on still images or viewer files

Dentate Patients

- Do not scan patient in occlusion
- Use a cotton roll to stabilize patient – Movement leads to rescan requests

Partially edentulous patients

- Do not scan patient with removable metal based prosthetics
- Acrylic based partials can be scanned and used for diagnostic

Edentulous patients

Without Denture

Have patient bite on cotton roll to keep arches apart

With Denture – Refer to Dual Scan Protocol

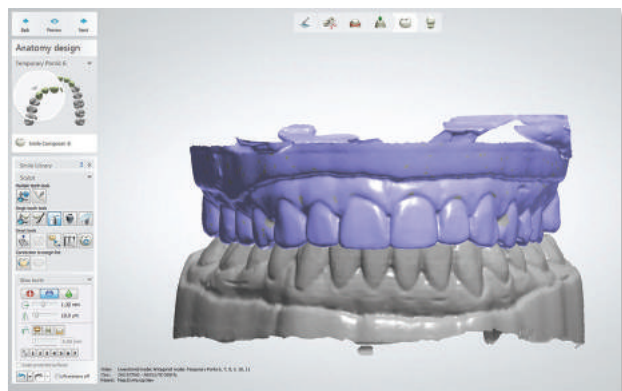
- Denture must be new or relined before scan – Must use hard reline material
- Soft reline material contains alloy and will cause flare – Remove soft reline material and replace with acrylic hard reline material before scanning
- Use scan markers – Place markers buccal and lingual - Do not place markers on occlusion or intaglio
- When scanning denture use foam platform or scanning jig only
- Scan denture first before scanning patient with denture in place
- Absolute can provide scan markers, call you your Absolute representative

Diagnostic Planning

Using the information you provide, a diagnostic wax-up is created. A Webex review of the digital wax-up and/or patient photo with superimposed wax-up is available upon request, to assist with options and approval. Once you give us the go ahead to proceed, we will preplan the case, highlight anatomy, reduce scatter and complete all of the time-consuming cleanup.

Please specify on your Rx, who the best contact person is, to schedule the WebEx review. Restorative and surgical clinician's input and involvement is encouraged before proceeding

Digital Wax-Up

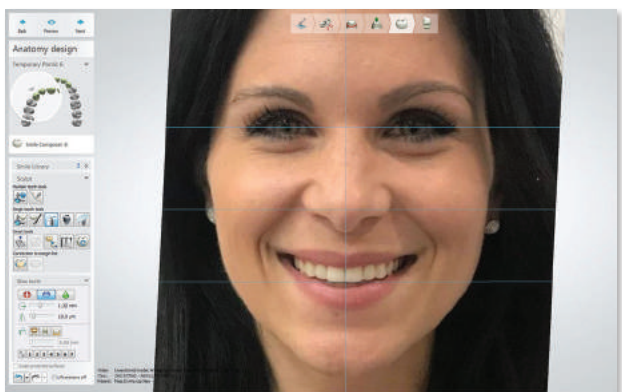


Pre-op model

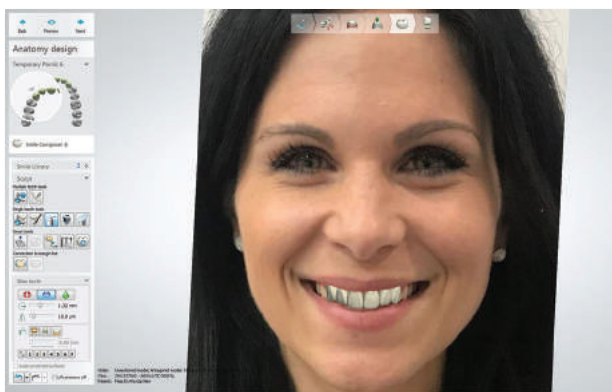


Patient-suggested diagnostic wax-up

Patient Pictures



Pre-op smile




Superimposed wax-up smile



Treatment Plan Review and Consent


Choose your level of involvement

- Option 1** - pictures of our preplan will be emailed for approval.
- Option 2** - A viewer program is available.
- Option 3** - Schedule a brief remote conference via  TeamViewer.
- Option 4** - For those who prefer to plan their own cases, we have a partner license option available.

Your consent and approval of the plan is necessary before we start production. Depending on the type of guide, please confirm the turnaround time and complete your consent prior to scheduling the patient.

If you would like us present at surgery, or to assist you with the conversion process, please contact our team at 1-844-293-2371 prior to scheduling the case.

Treatment Planning / Surgical Guide Agreement & Disclaimer


PRECISION GUIDANCE

Absolute Dental is pleased to offer dental implant planning and surgical guides for your practice and patients. The information provided to you is based solely upon data furnished by you and your practice. Absolute Dental and 360imaging have no control over, or ability to verify the accuracy of the information provided to us by you and your practice, nor do we have the ability to monitor any changed conditions that have occurred with the patient since the data was provided to Absolute Dental. A radiology review is not included in the implant pre-planning services; however, Absolute Dental can order a fee based radiology review and report. It is your (the doctor) responsibility to request this service.

Under these circumstances, you (the doctor) and / or the practice, have the full and final responsibility to exercise independent professional judgment concerning all risk assessment factors related to the case and verify the suitability of any dental implant placement and location for the patient. Prior to using the products and services provided to you by Absolute Dental and 360imaging, you assume the responsibility to review and verify the accuracy of the scan provided to Absolute Dental, which Absolute Dental and 360imaging used to develop the specifications for fabrication of the surgical guide for your patient.

Absolute Dental and 360imaging disclaim any and all express and implied warranties, including warranties of merchantability and fitness for purpose concerning the location of any dental implants.

If you agree to the above terms and conditions, please indicate so by signing your name below, which shall constitute your legal signature for purposes of this Treatment Planning / Surgical Guide Agreement & Disclaimer.

UNDER NO CIRCUMSTANCES SHALL ABSOLUTE DENTAL OR 360IMAGING BE LIABLE TO THE PATIENT OR DOCTOR FOR ANY INCIDENTAL, INDIRECT, CONSEQUENTIAL, OR SPECIAL DAMAGES ARISING OUT OF OR RELATED TO THE DENTAL IMPLANT PLANNING PROVIDED OR ASSISTED BY ABSOLUTE DENTAL AND/OR 360IMAGING, AND THE PATIENT AND DOCTOR HEREBY WAIVE ANY RIGHT EITHER MAY HAVE TO SUCH DAMAGES. DAMAGES SHALL BE LIMITED TO THE PRICE PAID BY THE PATIENT AND/OR DOCTOR TO ABSOLUTE DENTAL AND/OR 360IMAGING.


I CERTIFY I HAVE READ AND FULLY UNDERSTAND THE TERMS AND WORDS WITHIN THIS DOCUMENT AND THE EXPLANATIONS REFERRED TO OR IMPLIED, AND THAT AFTER THOROUGH DELIBERATION, I GIVE MY CONSENT FOR THE PRODUCTION OF THE SURGICAL GUIDE RELATED TO THE PLACEMENT OF DENTAL IMPLANT(S) AS PRESENTED TO ME DURING THE CONSULTATION AND TREATMENT PLAN PRESENTATION BY ABSOLUTE DENTAL AND 360IMAGING AND THEIR STAFF OR AS DESCRIBED IN THIS DOCUMENT.


PATIENT NAME: _____ **ORDER NUMBER:** _____
(Please print)


CONSENT FOR SITES: _____

DOCTOR NAME: _____ Signature of doctor
(Please print)

NAME OF PRACTICE: _____ **DATE:** _____


ABSOLUTE
DIGITAL CASE PLANNING


ADIA
CERTIFIED LAB


ABSOLUTE
DIGITAL DENTISTRY

Absolute accepts verbal recorded consent per individual case but requires one signed umbrella consent by surgeon. Please download a copy from our website, AbsoluteDentalLab.com and include with your first case.

Restorative Protocol - Final Prosthetics

The following is the restorative case-flow protocol. Although every case is unique, this represents a standardized appointment schedule, to restore a screw-retained hybrid.

First Appointment

Clinical

- Take an implant-level or abutment-level PVS impression (Preferably use an open tray impression technique).
- Splint impression copings with acrylic bridge to stabilize.

Lab

- Pour a soft tissue model and fabricate a bite rim and verification jig.

Second Appointment

Clinical

- Verify model accuracy by placing verification jig into implants or at abutment-level. Verify with hand pressure. Note: no need to screw down.
- Register a bite as if fabricating a denture or partial. Request shade and mold.

Lab

- Set up a wax based tooth try-in for patient approval and bite check.

Third Appointment

Clinical

- Tooth try-in and bite verification. Patient approval on final esthetics shade and tooth position.
- Choose restorative option based on patient-specific needs.

Lab

- Fabricate a supporting sub-structure within bucco-lingual parameters set by tooth try-in
- OPTIONAL - Frame try-in without teeth, or
- ACRYLIC OVER TITANIUM - Teeth will be added to sub-structure for final try-in, or
- LAYERED CoCr / ZIRCONIA - Restoration will be processed for final delivery.

Fourth Appointment

- Final delivery of CoCr or Zirconia restoration.
- Final try-in for wrapped acrylic over titanium bar.

Fifth Appointment (Titanium only)

- Final delivery of wrapped acrylic over titanium bar.



*Absolute Dental Lab
Lab layered ceramics over CoCr*

Absolute Hybrid Warranty

Long Term Hybrid Temporary

- 6 months against chipping and/or fracture

FINAL PROSTHETICS

CarbonFlex with Wrapped Acrylic

- One overlay re-tread within first 3 years
- 3-year warranty on sub-structure

Titanium Frame with Wrapped Acrylic

- One overlay re-tread within first 3 years
- 10-year warranty on sub-structure

Perfection Is Not Optional!

Titanium Frame with Transitional PMMA Hybrid

- One overlay revision within 1st year
- 10-year warranty on sub-structure

Monolithic Zirconia Hybrid – no metal sub-structure support

- 5-year warranty against chipping
- 3-year sub-structure fracture warranty

V-BAR - Titanium with High Strength AdZir Zirconia Overlay

- 5-year warranty against chipping
- 10-year fracture warranty on sub-structure

V-BAR - Titanium with Envision High Translucency Zirconia Overlay

- 3-year warranty against chipping
- 10-year fracture warranty on sub-structure

CoCr Frame with Layered Ceramics

- 12-month total re-ceramic guarantee
- 3-year warranty against chipping – overlay repair
- 10-year fracture warranty on sub-structure

- ALL ABSOLUTE WARRANTIES BECOME ACTIVE ON FINAL INVOICE DATE (FOR THE PERIOD STATED)

All Absolute Dental Fixed Hybrids include a WaterPik with final delivery



Your Team



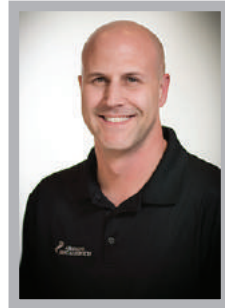
...Because what you don't know can hurt you!



Jessie Alford



Aubrey Smith



Matt Vrhovac



LeeAnne Belote

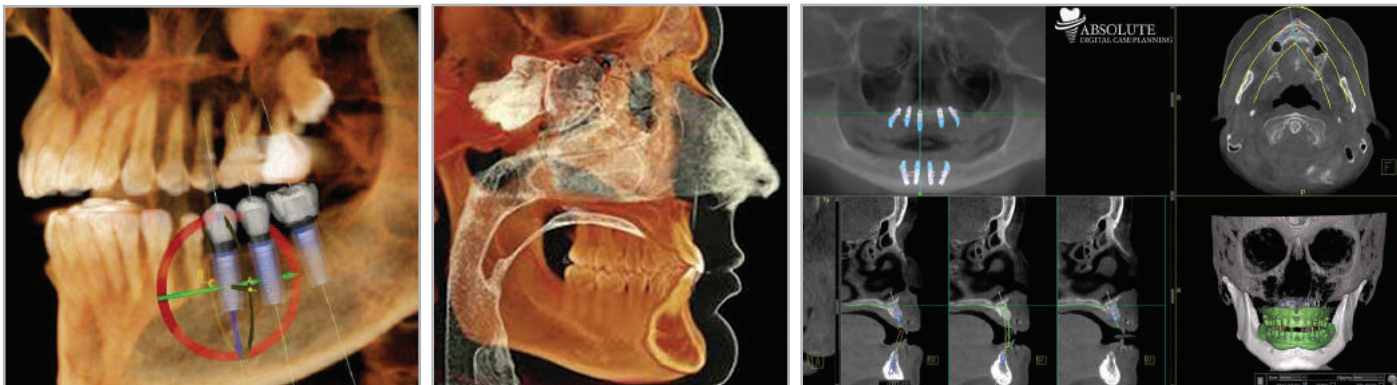


Kassey Wallace

Absolute ADIA/ICOC & 360dps Certified Team

Efficiency & Precision at your fingertips

- We pre-plan, you approve and finalize in minutes via TeamView
- Compatible with most popular Implant systems
- No need to purchase or learn Software
- Tooth, Tissue, Bone & Conversion guides
- We only use MED610 FDA approved guide material



Affordable, Accurate and Efficient Solutions to Guided Surgery



Absolute Dental Lab

Established in 1994, Absolute Dental started as a fixed prosthetics lab in the Triangle area of North Carolina. Two decades later, Absolute's restorative focus is much broader but their attention to product detail and exceptional customer service has not changed.

Today, Absolute is a full service dental lab and our team is renowned for their expertise in creating world-class dental esthetics. Their use of cutting edge technology in CAD and milling departments, as well as their extraordinary dental implant and high end removables sections, enables them to deliver lifelike and functional dental prosthetics.

Staying abreast of new technologies, yet only implementing relevant protocols and procedures, has earned Absolute a reputation for being a trusted partner to discerning clinicians throughout the United States.

Serving their customers with Absolute Excellence has always been the primary focus of the owners, branch partners and team members...this remains true today.



Conrad J. Rensburg

Conrad J Rensburg graduated under full scholarship with a 4-year Baccalaureate degree from Pretoria Tech in 1992. He is certified with an ND in technology and specialized with an NHD in fixed prosthetics.

He is a member of the prestigious PEERS prosthodontic association, registered with the NADL, NCDLA and certified by the SADTC.

He has specialized in fixed dental prosthetics with an emphasis on dental implants since the early 90's. As a CE-accredited speaker since 2002, he has presented at almost a thousand events across the USA, including the Academy of Osseointegration, Global and US symposiums, World Summit Tour and a multitude of smaller study club events. Conrad's emphasis as a speaker is on keeping today's clinicians abreast with the latest advancements in screw retained and hybrid implant retained options. As author of multiple published articles, his focus is on CAD implant design protocols and fixed as well as removable hybrid implant supported techniques.



Perfection
Is Not
Optional!



Ceramic Hybrid Over Layered Cobalt Chrome Substructure



844-293-ADS1 (2371) toll free
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