



DENBRIGHT™
DENTAL LABS

A CLINICIAN'S GUIDE TO FULL ARCH FROM SURGERY TO FINAL

NAVIGATION PRECISION GUIDANCE®



SYNERGY PLUS GUIDED WORKFLOW

*Synergetic workflow from diagnostically planned guided surgery,
chairside conversions to final prosthetics*



Dear Doctor,

Since the inception of the All-on-Four® hybrid concept, we have seen a true evolution in the way we restore the edentulous arch.

Being able to extract a patient's teeth, place implants and have them wake up a few hours later with a fixed prosthesis, is a key factor in patient acceptance. Unfortunately, this chairside conversion process has been the most unpredictable, expensive and challenging part of this procedure. Furthermore, the conversion denture, in most cases, was nothing more than an "emergency device" with occlusion and esthetics a secondary consideration.

Today's technology is allowing the technical, restorative and surgical teams to come together starting at the planning phase. We now have the ability to plan our surgical cases with a true, transferable, digital diagnostic wax-up. Superimposing this wax-up onto actual patient pictures assists in patient approval and allows us to place implants based on the final prosthesis, not a pre-op or existing denture tooth position. Once patient approval is received, we process the entire case within the parameters set by the approved wax-up.

The Navigation team's in-house surgical planning software is allowing our pre-planning team to assist the surgeon with model matching, DICOM clean-up, suggested bone-reduction as well as proposed implant placement. This saves the clinician time and renders unnecessary the need to learn how the software functions.

After pre-planning is completed, a review is scheduled allowing the technical, restorative and surgical teams to fine tune the plan for final guide design and printing.

Our NavaGation Synergy Guided Workflow® now allows for a true all-encompassing process; from diagnostic planning, tooth down implant placement, guided surgery with chairside immediate latched conversion to the final prosthetic solution.

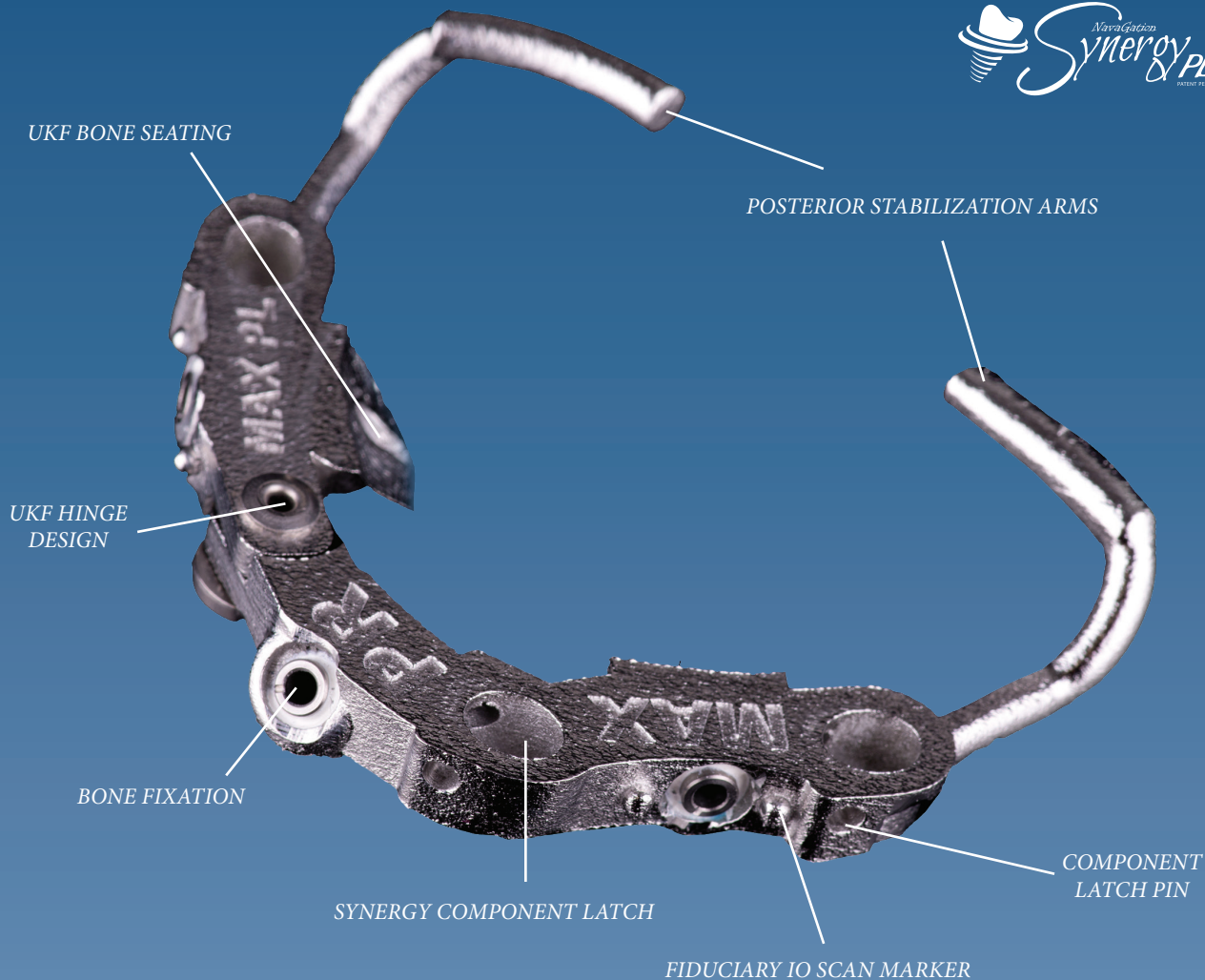
I invite you to restore your next case with us!

Conrad J. Rensburg
Chief Strategy Officer



Conrad J. Rensburg
N.D. & N.H.D. Tech Pret.

Synergy Plus Foundation Guide



FAST AND ACCURATE SEATING BASE GUIDE

The UKF (Unilateral Key Fixation) base guide is fixated on only two 10x12mm reflected areas. It is stabilized by a tooth / bone or denture based aligner for faster and more accurate seating. This extremely accurate, dual verified, bone and tooth aligned seating, allows for a streamlined and efficient chairside conversion process.

TRUE SEQUENTIAL WORKFLOW

A true sequential workflow allows the surgeon to complete the Synergy surgery without the need to check occlusion. The conversion process is guided by the accurate seating of the UKF guide and not by closing the patient into occlusion by hand with a nose-chin measured vertical. In case of a dual arch the entire case is surgically sequenced and not converted one arch at a time. In documented "simple cases" a dentate single arch case (surgery to conversion) is regularly processed in 120 to 160 minutes, while the conversion process is reduced to between 20 and 30 minutes. Dual arch cases are regularly processed with our team in 4 hours or less.

SYNERGETIC LINK FROM SURGERY TO FINAL

The Synergy Guided Workflow® creates a predictable link between the surgical plan, converted PMMA, prototype and the final prosthesis. All cases are planned from the final prosthesis back to the surgical plan, this minimizes any potential restorative surprises or complications. The NavaGation Precision Guidance® Team is led by experienced technicians who ensures the Synergy workflow is designed to support the final prosthetic solution.

Signature A.R.T Team



*Jack Marrano, CDT
Signature Prosthetics*



Dr. Chris Barwacz

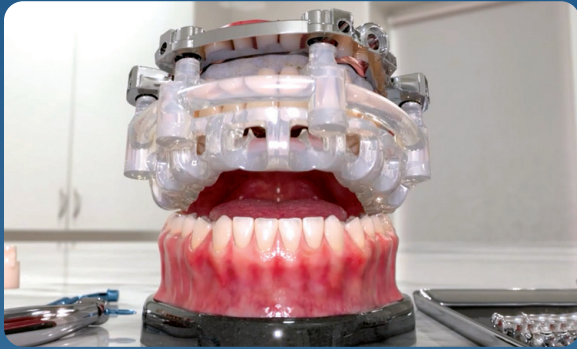


Dr. Christian Yaste



Dr. Mark Ludlow

Synergy Guided Workflow® Quick Reference



LAY REFLECTION, SEAT UKF BASE GUIDE ON BONE. LATCH TOOTH ALIGNER TO DUAL VERIFY ACCURATE BASE SEATING



LATCH PINS CONFIRM ACCURATE SEATING



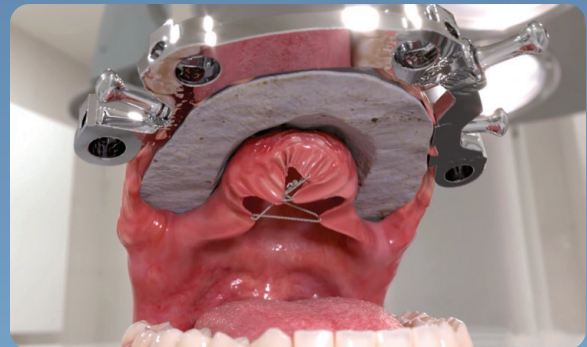
EXTRACT FIXATION SITE TEETH AS PER SURGICAL PLAN



DRILL FIXATION AND FIXATE BASE GUIDE



AFTER FIXATION, EXTRACT REMAINING TEETH

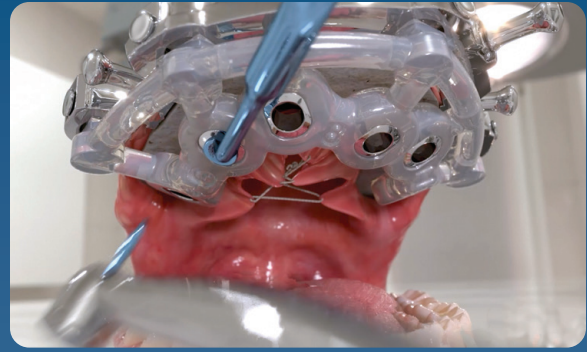


FOR FLAT BONE REDUCTION REFERENCE, USE BASE GUIDE AS REFERENCE

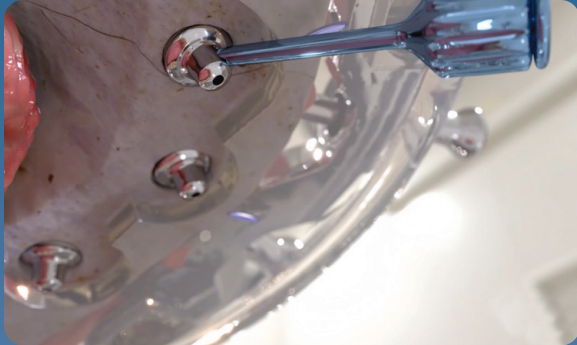




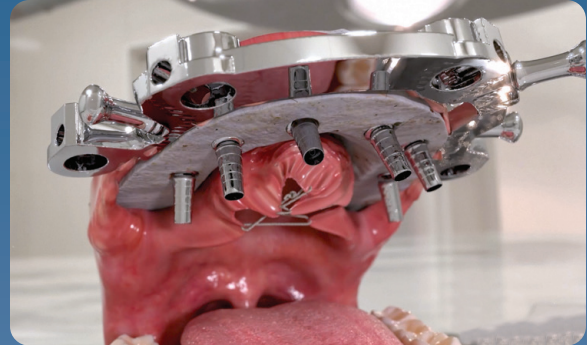
FOR SCALLOPED BONE REDUCTION REFERENCE, USE SUPPLIED BONE REFERENCE



SEAT OSTEOTOMY GUIDE AND PLACE IMPLANTS AS PER THE SURGICAL PLAN



SEAT PREPLANNED MULTI-UNIT ABUTMENTS AND SET SCREW ACCESS ROTATION BY ALIGNING THE SCREWDRIVER WITH MARKS ON THE GUIDE



SEAT TEMPORARY CYLINDERS. IF DRAW IS AN ISSUE, SEAT IN SUPPLIED SEQUENCE AS PER INSTRUCTIONS ON THE CONVERSION PLAN



LATCH CONVERSION PROSTHESIS AND LUTE ALL COMPONENTS IN PLACE

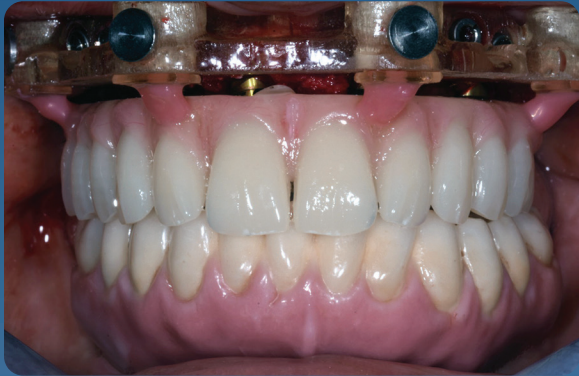


REMOVE CONVERSION PROSTHESIS. CUT LATCHES IN THE LAB. PULL FIXATION AND REMOVE BASE GUIDE. SUTURE PATIENT



REPLACE CONVERSION PROSTHESIS. FINAL CHECK OCCLUSION 48-72 HOURS AFTER SURGERY

Efficient Chairside Conversion



LATCHED CONVERSION



TEMPORARY CONVERSION PROSTHESIS



CONVERSION PROSTHESIS



PATIENT TEMPORARY SMILE



Dr. Jeffrey Ganeles



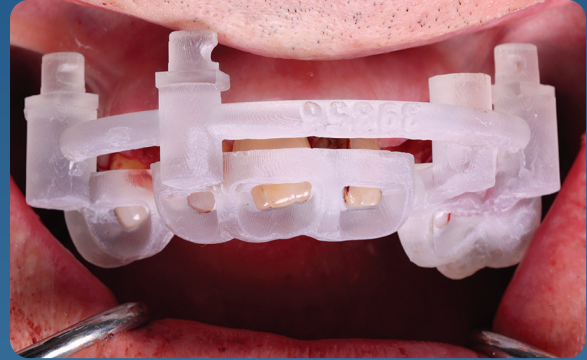
*"... I understand that patients are not coming to me to have implants, they are coming to me to replace missing TEETH."
- Scott Ganz*

Synergy Plus Protocol

Seating the Base Guide



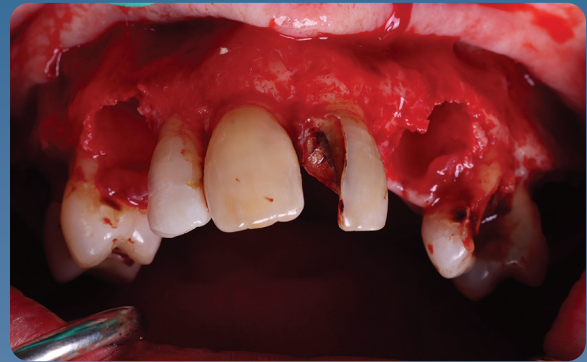
PRE-OP



VERIFY PASSIVE TOOTH ALIGNER SEATING
BEFORE SURGERY



PRE EXTRACTIONS TO ACCOMMODATE
FIXATION POSITIONS



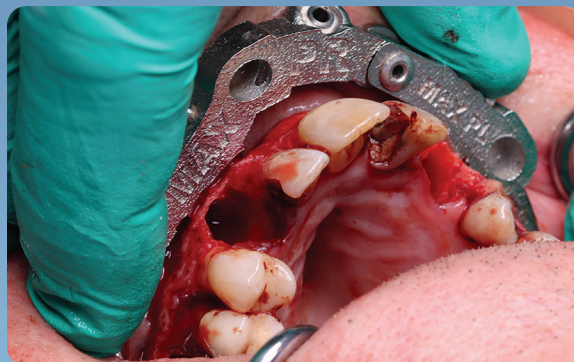
TISSUE REFLECTION - BUCCAL ONLY



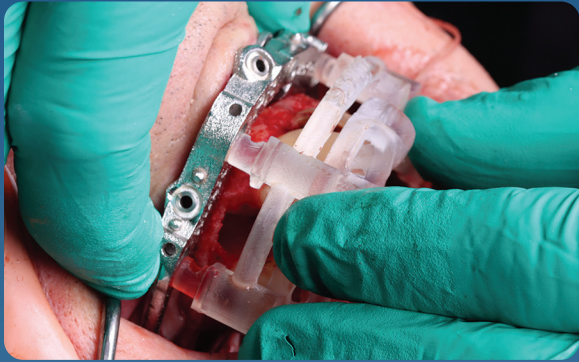
COLLAPSIBLE HINGE GUIDE - SIMPLE AND
ACCURATE SEATING



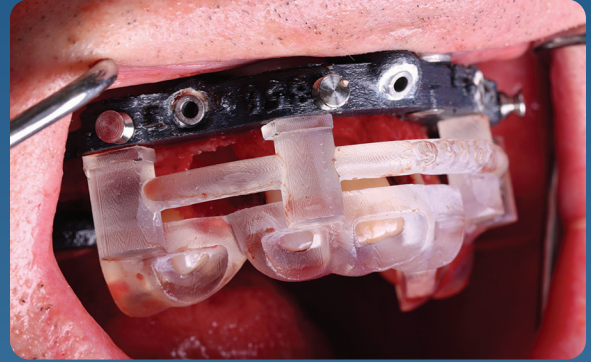
UKF HINGE GUIDE ENGAGING THE
BUCCAL UNDERCUT



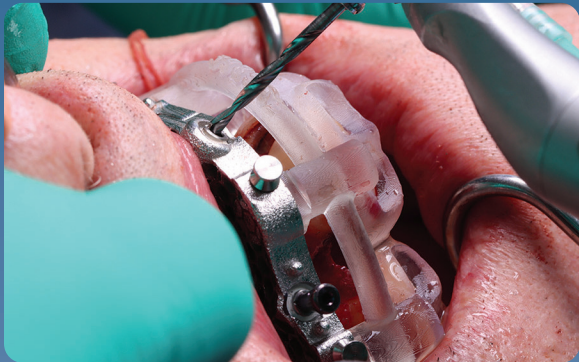
UKF SEATING VERIFIED ON BUCCAL UNDERCUT



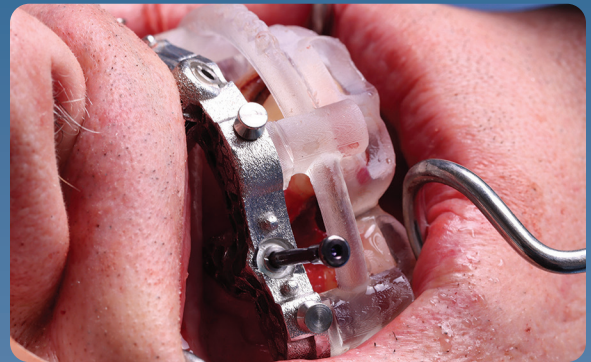
TOOTH ALIGNER ENGAGED FOR DUAL SEATING VERIFICATION



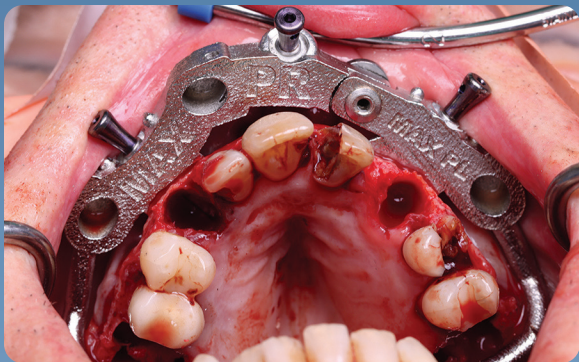
TOOTH ALIGNER & BASE GUIDE STACK READY FOR FIXATION



ACCURATE FIXATION BECAUSE OF DUAL SEATING VERIFICATION INTO THE UNDERCUT



EFFICIENT BONE FIXATION PROCESS



ACCURATE BASE GUIDE SEATING

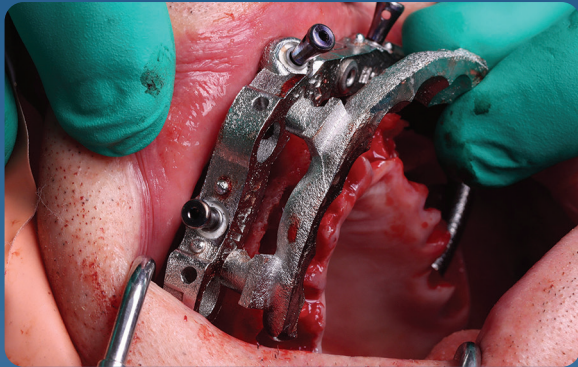


READY FOR SURGERY

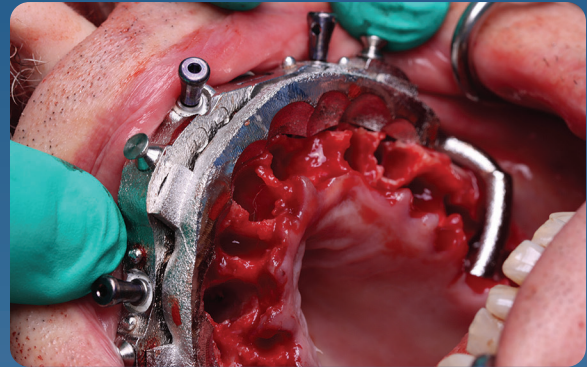


TOOTH EXTRACTIONS

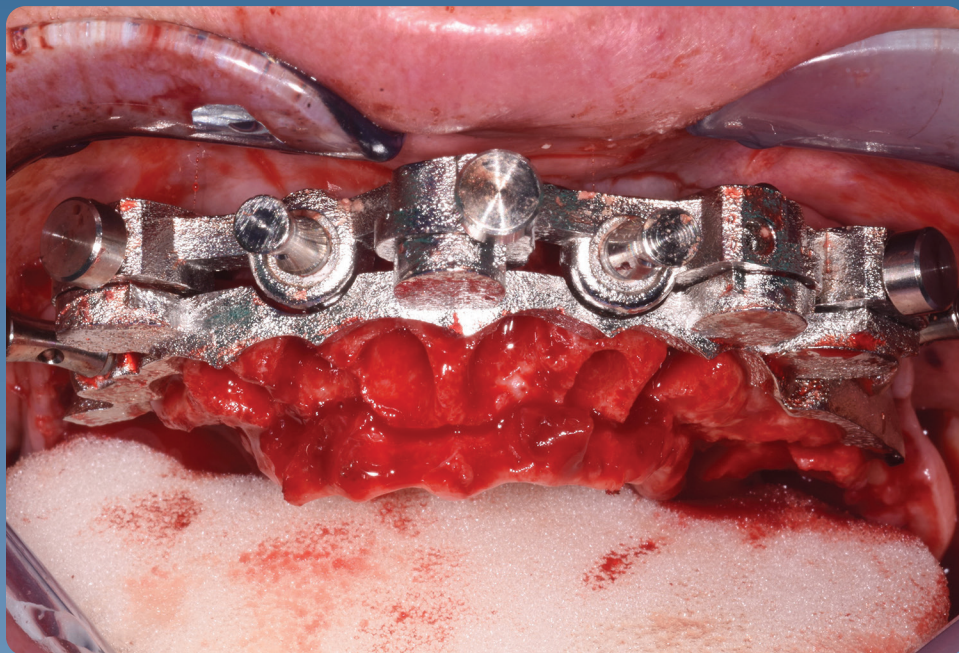
Bone Plane Reference Options: FP1 Scalloped Bone Plane



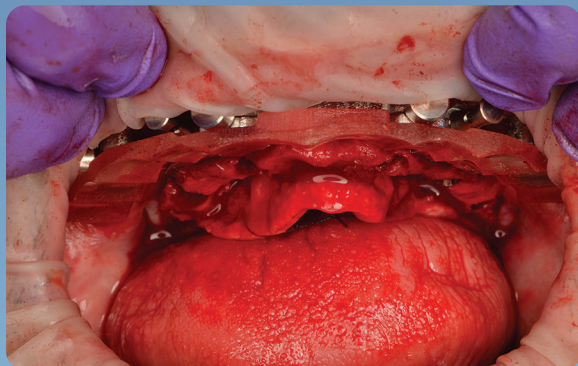
SEATING SCALLOPED BONE PLANE REFERENCE



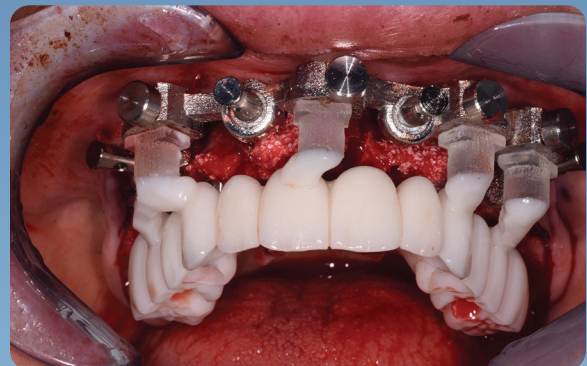
FP1 STYLE SCALLOPED BONE PLANE REFERENCE



SCALLOPING BONE REFERENCE GUIDE

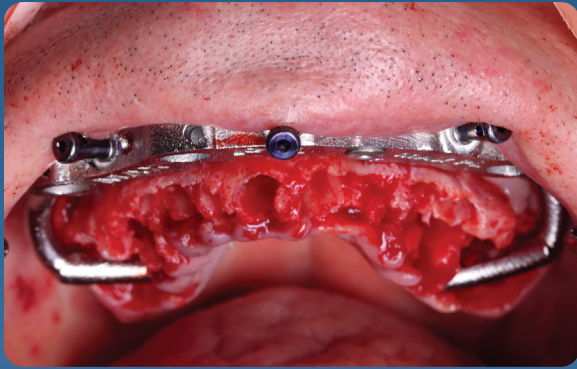


SCALLOPED BONE REDUCTION

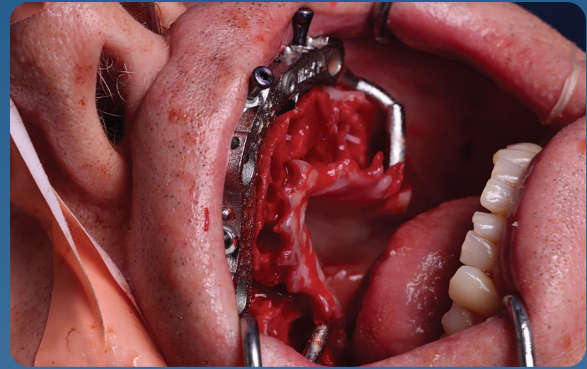


FP1 SCALLOPED CONVERSION

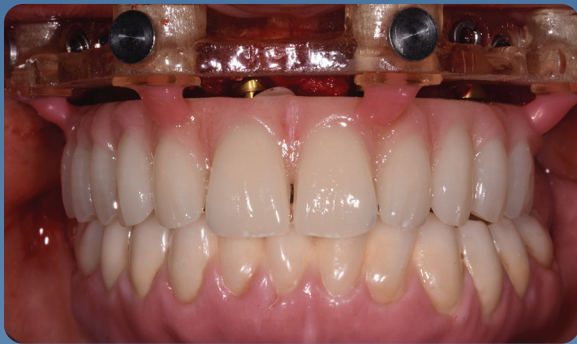
Bone Plane Reference Options: FP2 & 3 Flat Bone Plane



FP2 & 3 FLAT BONE PLANE REFERENCE



FLAT BONE PLANE



LATCHED CONVERSION



FP3 STYLE SURGICAL CONVERSION

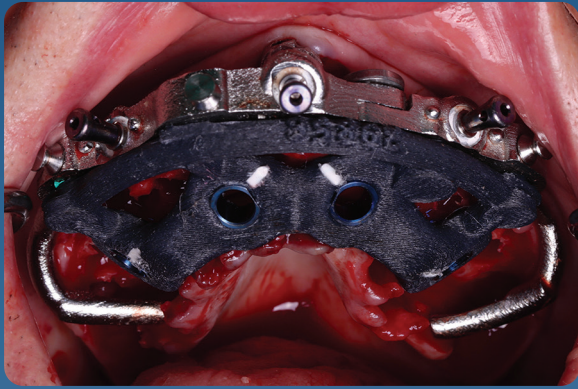


SURGICAL CONVERSION



Dr. Jeffrey Ganeles

Synergy Plus Full Arch Surgery



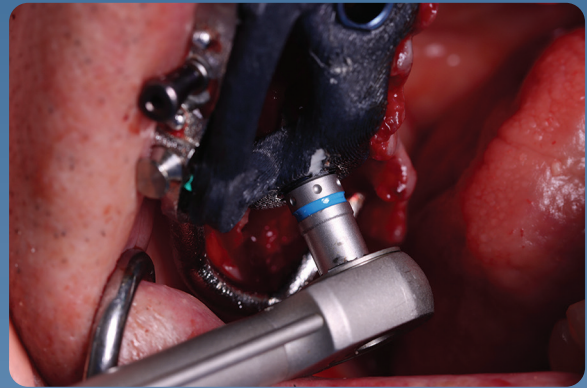
CARBON FIBER OSSEOTOMY GUIDE



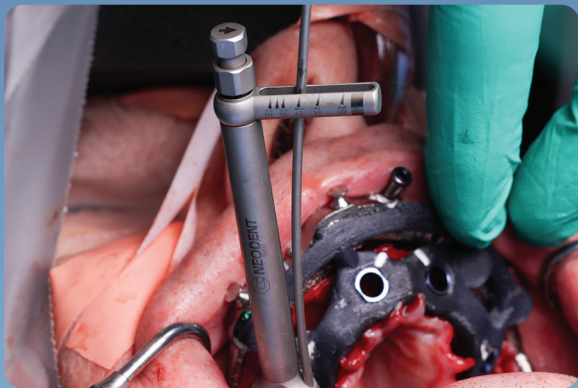
SYNERGY COMPATIBLE WITH ANY GUIDED IMPLANT SYSTEM



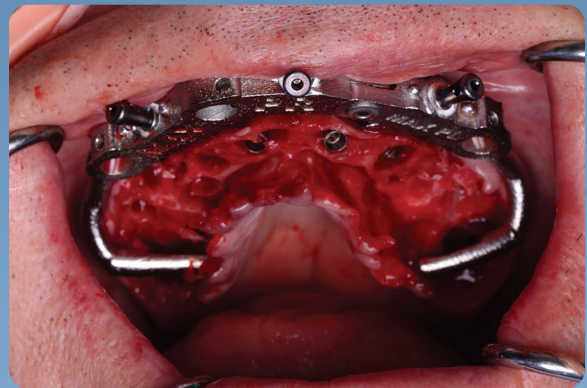
IMPLANT PLACED THROUGH GUIDE TO DEPTH AND DIRECTION



IMPLANT DELIVERED TO PLANNED ROTATION

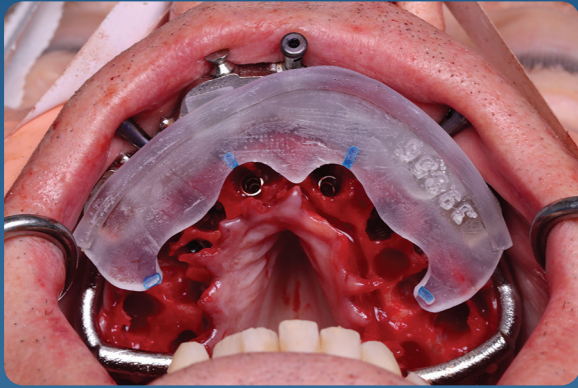


FINAL TORQUE

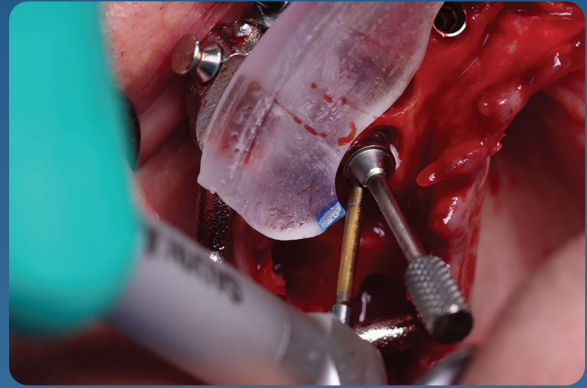


IMPLANTS PLACED

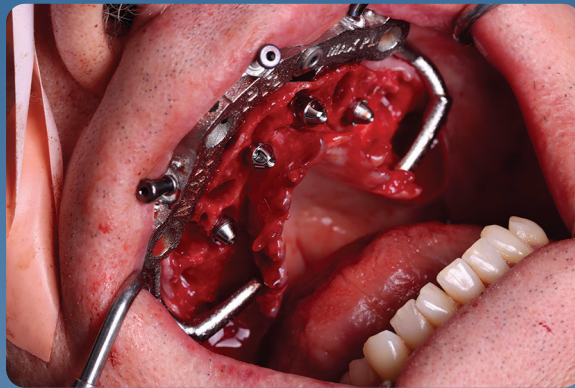
Synergy Plus Abutment Placement



MUA ABUTMENT ALIGNER



LINE SHOWS ALIGNMENT WITH SCREW DRIVER SHAFT

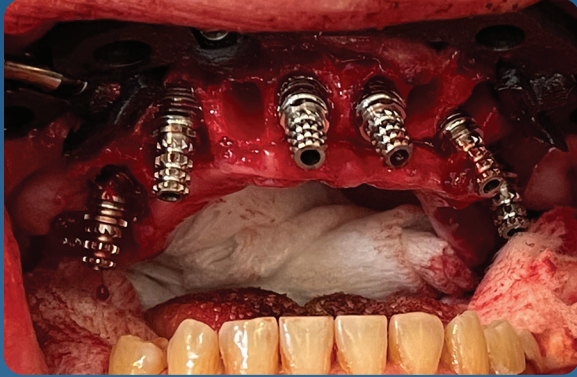


MUA ABUTMENTS IN PLANNED ROTATION



Dr. Mark Ludlow

Synergy Plus Conversion Process



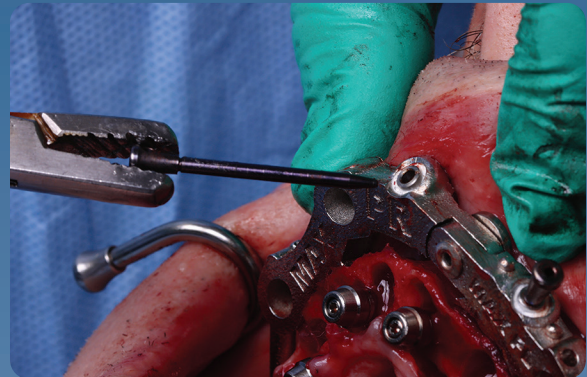
UNLATCH AND REMOVE PMMA - PLACE TEMPORARY COMPONENTS AS PER THE CONVERSION SEQUENCE



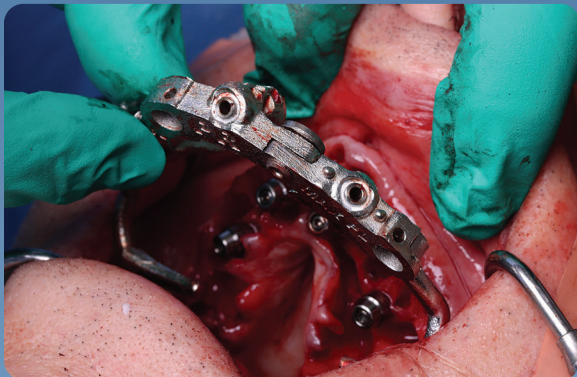
LUTE COMPONENTS INSIDE THE PMMA



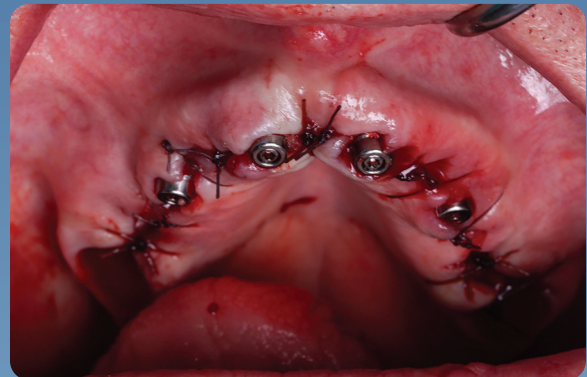
UNLATCH THE PMMA AND FILL IN THE INTAGLIO



REMOVE FIXATION PINS



REMOVE SYNERGY BASE GUIDE



SUTURE PATIENT



CUT CONVERSION LATCHES



REPLACE THE PMMA

Synergy Plus Base Guide Options



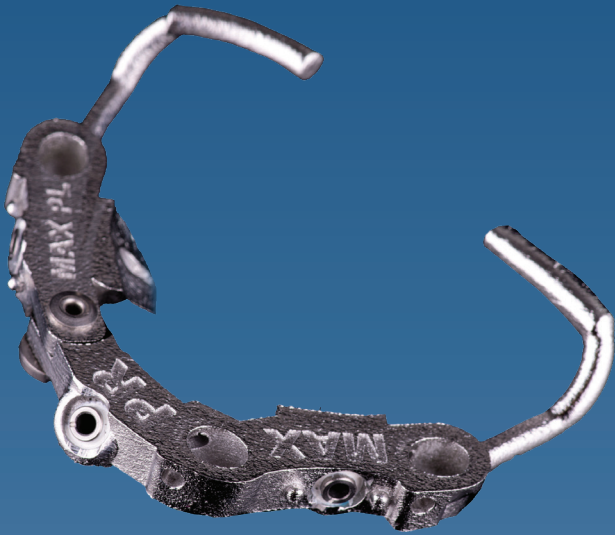
SYNERGY CARBON FIBER



SYNERGY SLM COBALT



Synergy Plus Component Identification



COBALT SLM FIXATION BASE GUIDE



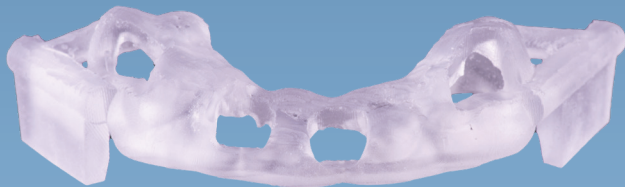
CARBON FIBER FIXATION BASE GUIDE



TOOTH ALIGNER FOR DUAL VERIFICATION OF BASE GUIDE SEATING



TOOTH ALIGNER AND BASE GUIDE STACK



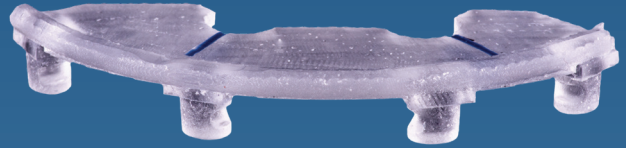
TOOTH BORNE PERIOSTEUM CLEAN-UP GUIDE



SLEEVED IMPLANT DRILL GUIDE



BASE AND DRILL GUIDE STACK



MULTI-UNIT ABUTMENT ROTATION GUIDE



MUA ROTATION AND BASE GUIDE STACK



EMERGENCY FOREVER DENTURE



CONVERSION AND BASE GUIDE STACK





DENBRIGHT™

DENTAL LABS

The Denbright Dental Lab Group is a full solutions, multi-site US-based dental laboratory company combining some of the most trusted names in the dental lab industry. These labs boast an impressive 300+ years of business experience in the restorative arena. Their combined real-world experience is what truly defines the members of the Denbright group.

This group provides a wide range of high-quality dental prosthetics from single/multi-unit crowns/bridges, world-class veneers to more complex full mouth restorations. Furthermore, the Denbright group consists of highly qualified implant technicians whose combined experience brings many years of implant restorative expertise to the group. Many of these Denbright technicians are actively involved with major implant companies and stay on the cutting edge of today's restorative implant solutions. A number of these technicians also serve as Key Opinion Leaders, researchers and CE accredited speakers to many implant and material companies.

Denbright's surgical division, The NavaGation Precision Guidance team, was established in 2012 and today continues to support world-class surgeons from the US and Europe. This team works closely with national implant companies and their surgical customers to continue innovating new and improved surgical solutions with guided restorative workflows.

With more than 20,000 successful cases delivered, this team is known throughout the industry for their expertise and the support they bring to their surgeons through simple to full-arch latched guides and guided workflow prosthetic solutions.

The fixed and implant teams are supported by a very talented group of specialized removable technicians. These teams focus on digital removable processes and fabricate high-end removable dental prosthetics utilizing the best additive and reductive fabrication techniques available.

Furthermore, the Denbright team members support their customers by offering a full range of restorative solutions and play an integral part by helping these customers identify, understand, and adopt these new world workflows and digital solutions.

The Denbright customer base consists of a loyal and diversified group of discerning clinicians that includes private practices, DSOs, governmental institutions, and multiple universities.

By sharing resources, leveraging each lab's combined expertise, and driving technology adoption, Denbright offers its customers a pathway for accelerated growth through a broader and more diverse set of dental solutions.

Denbright's founding labs include: Frontier Dental, NuArt Dental, Burbank Dental, Jason J. Kim Dental Aesthetics, D&S Dental, Friendship Dental, Absolute Dental Services and Navagation Precision Guidance.

