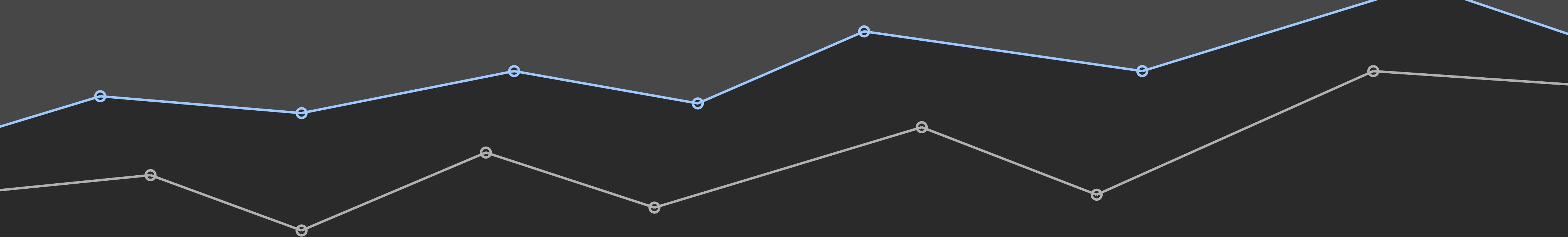
PERIODONTOLOGY LEADING IMPLANT EDUCATION

NOW AND IN THE FUTURE

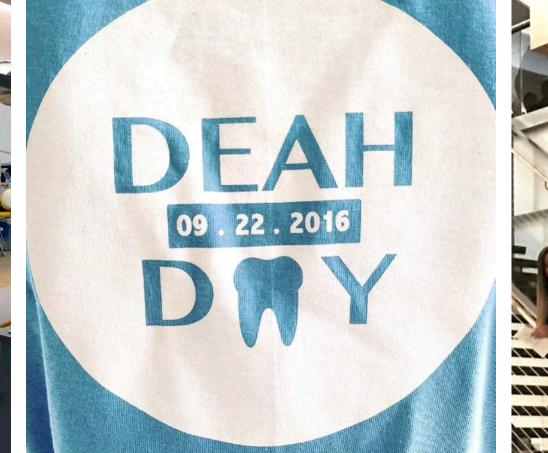
JONATHAN RESIDE
UNC SCHOOL OF DENTISTRY







TARROLL TARROLL

















THE PAST

THE IMPLANT TEAM

Formed in 1985 by Dean John Stamm to evaluate long-term viability of implants in dentistry and explore introduction of dental implants to UNC

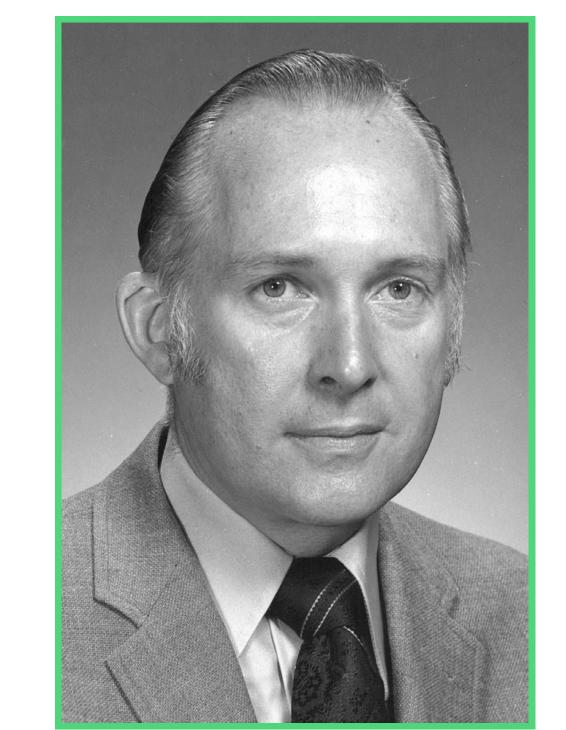
Team met to discuss every implant case, develop surgical and restorative plans, divide patients

THE PAST

THE IMPLANT TEAM

ORAL SURGERY

MYRON TUCKER



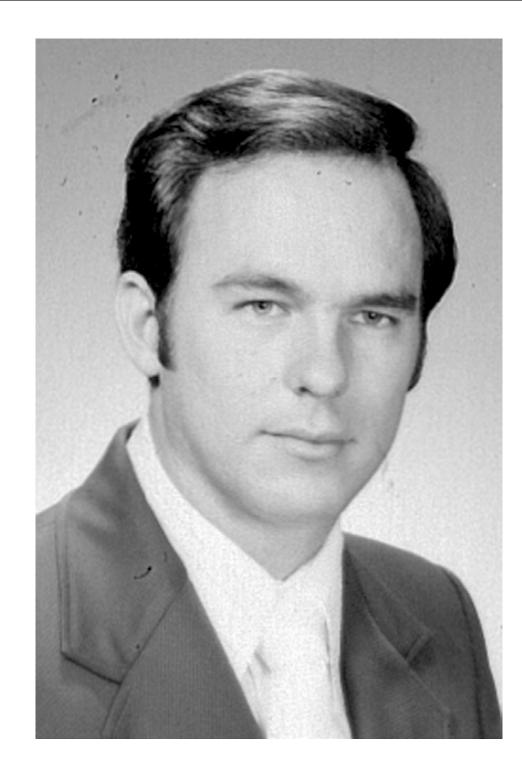
RON BAKER

PERIO



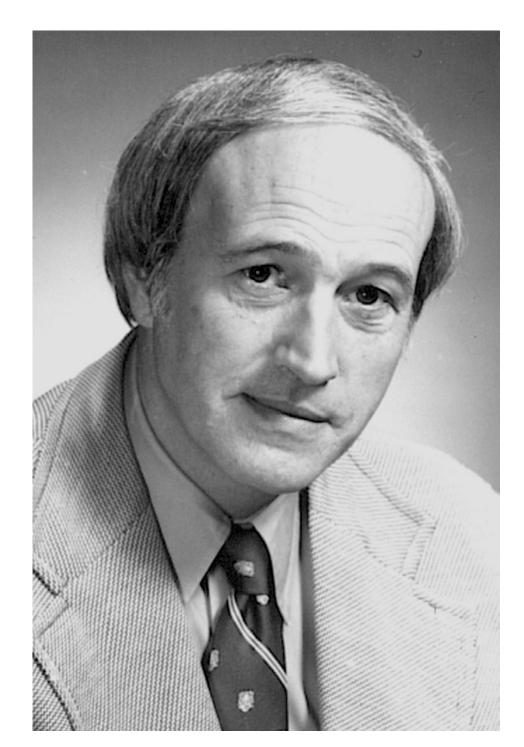
JOHN MORIARTY

PROSTHODONTICS





DAVE FELTON



DAVID KOTH

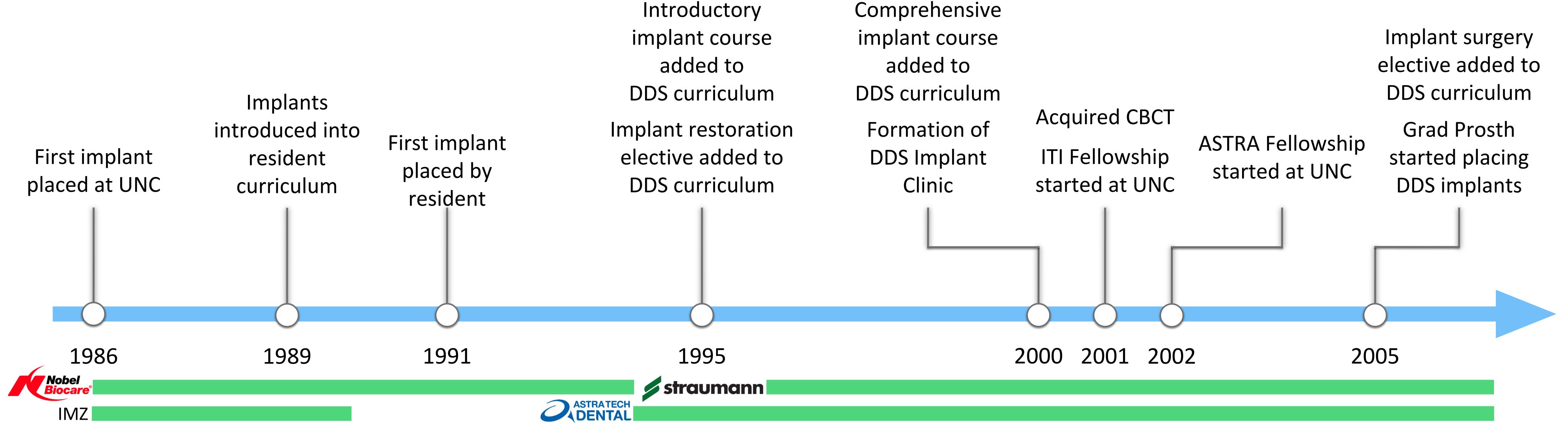


GLENN MINSLEY



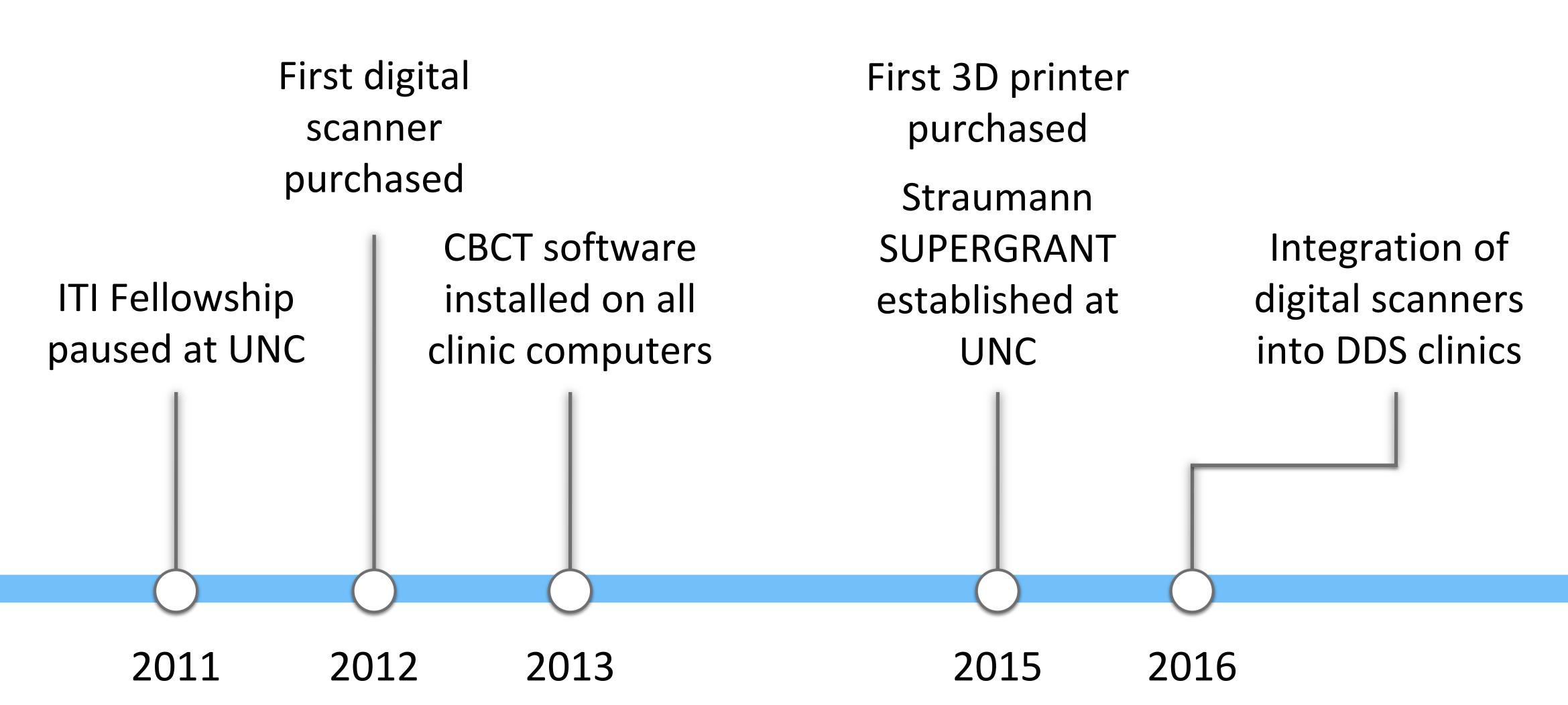
MATT WOOD

OURJOURNEY



OURJOURNEY

Integration of implant planning & restoration into **Group Practice** Model 2007





OUR CURRENT IMPLANT TEAM

OMFS



GLENN RESIDE

PERIODONTOLOGY





THIAGO MORELLI ANTONIO MORETTI JONATHAN RESIDE



PROSTHODONTICS







MATT HOPFENSPERGER

OUR DDS STUDENT IMPLANT EDUCATION OVERVIEW

Dental Implants (DENT 320)

Department of Periodontology Surgical Implant Assists

Surgical Implant Placement Elective (DENT 454E)

Periodontology Elective (DENT 463E)



OUR DDS STUDENT IMPLANT EDUCATION DENTAL IMPLANT COURSE

Comprehensive DDS3 course initiated in 2000

Comprehensive overview of dental implant treatment with heavy emphasis on patient evaluation, treatment planning and implant restoration

Combination of didactic lectures and hands-on laboratory exercises

OUR DDS STUDENT IMPLANT EDUCATION DENTAL IMPLANT COURSE

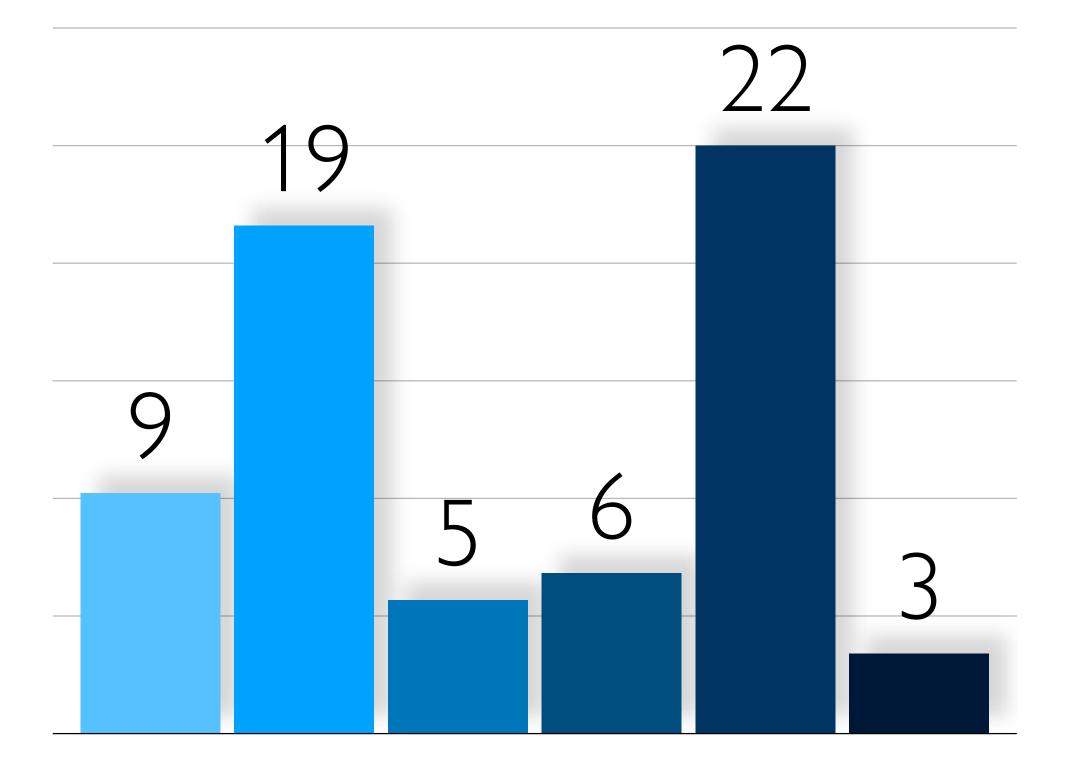
IMPLANT BASICS

> IMPLANT SURGERY

PATIENT EVALUATION
TREATMENT PLANNING

IMPLANT RESTORATION SITE PREPARATION

PERIIMPLANT DISEASES



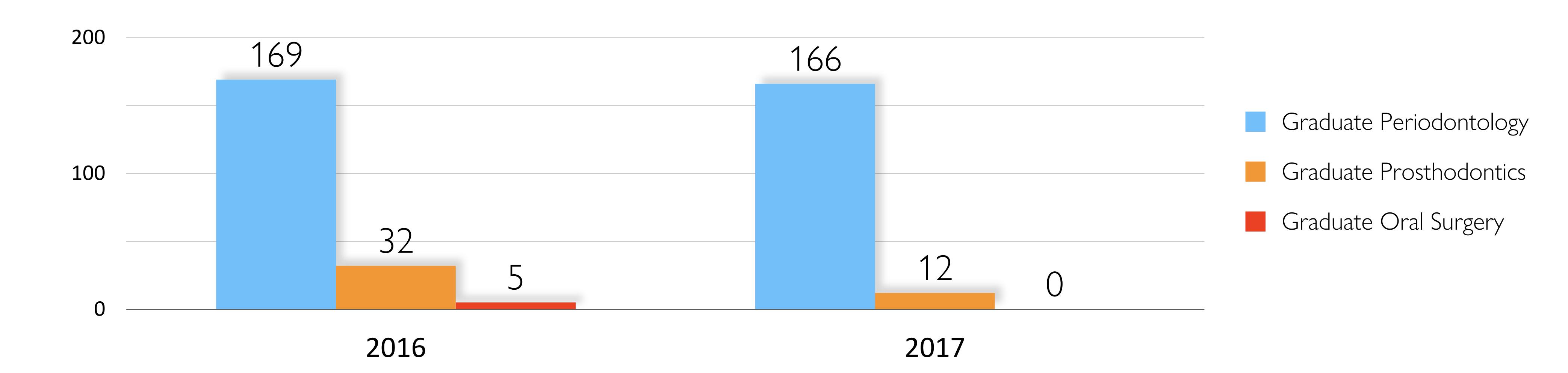
OUR DDS STUDENT IMPLANT EDUCATION SURGICAL IMPLANT ASSISTS

Department of Periodontology Graduation Requirement

Must assist with 2 separate surgical implant placement procedures

May be completed in Periodontology, Prosthodontics, or Oral & Maxillofacial Surgery Graduate Clinics

OUR DDS STUDENT IMPLANT EDUCATION SURGICAL IMPLANT ASSISTS



OUR DDS STUDENT IMPLANT EDUCATION IMPLANT SURGERY ELECTIVE

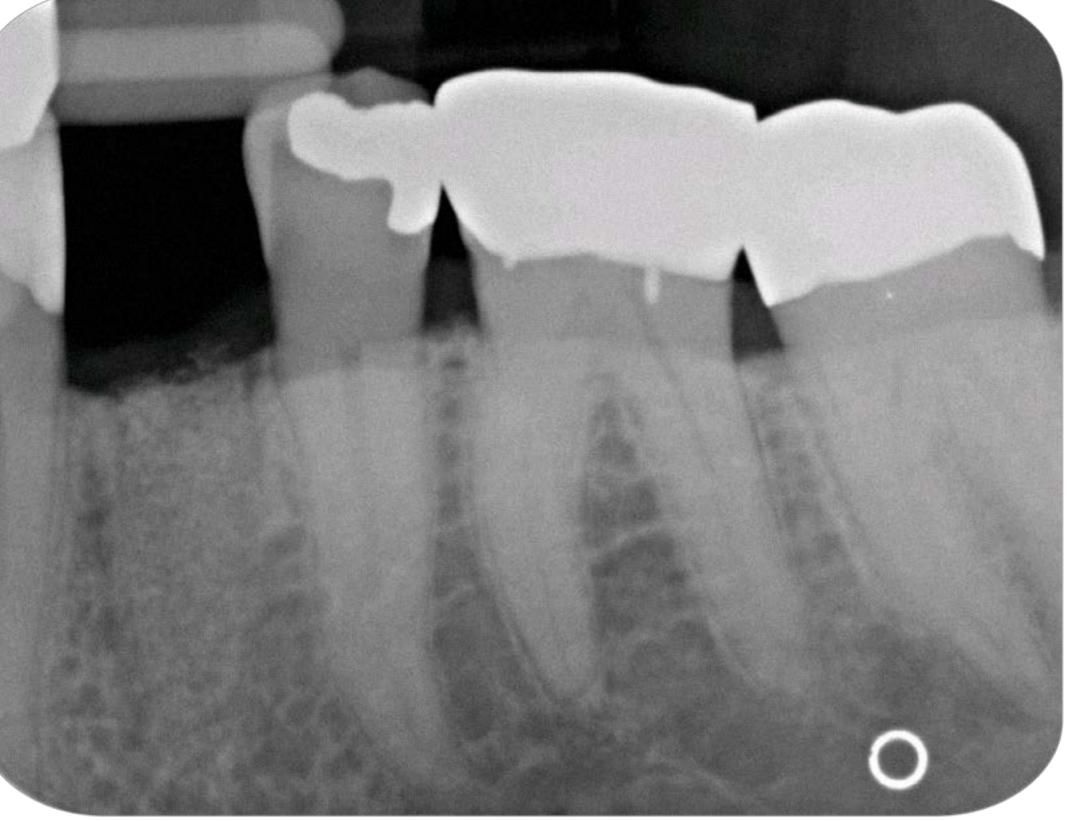
DDS4 course initiated in 2005

Additional didactic instruction in patient evaluation, treatment planning, implant surgeries

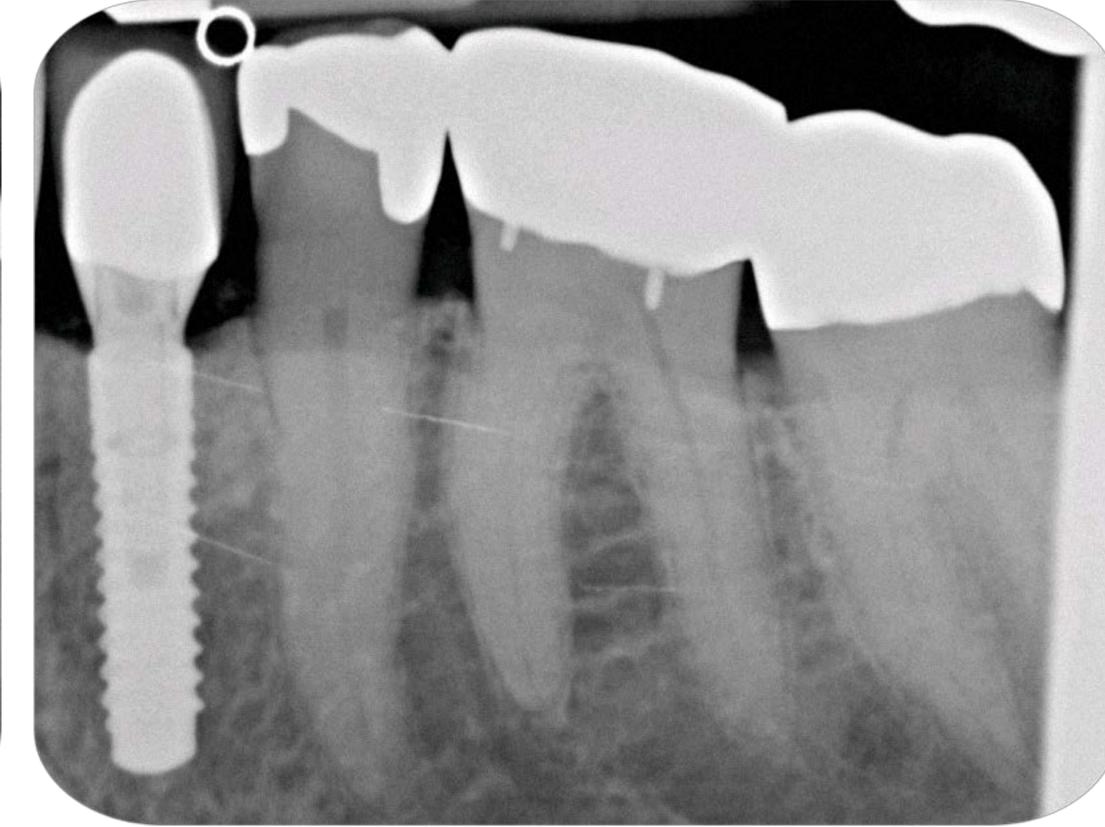
One-on-one surgeries completed with faculty on Implant Team

OUR DDS STUDENT IMPLANT EDUCATION IMPLANT SURGERY ELECTIVE

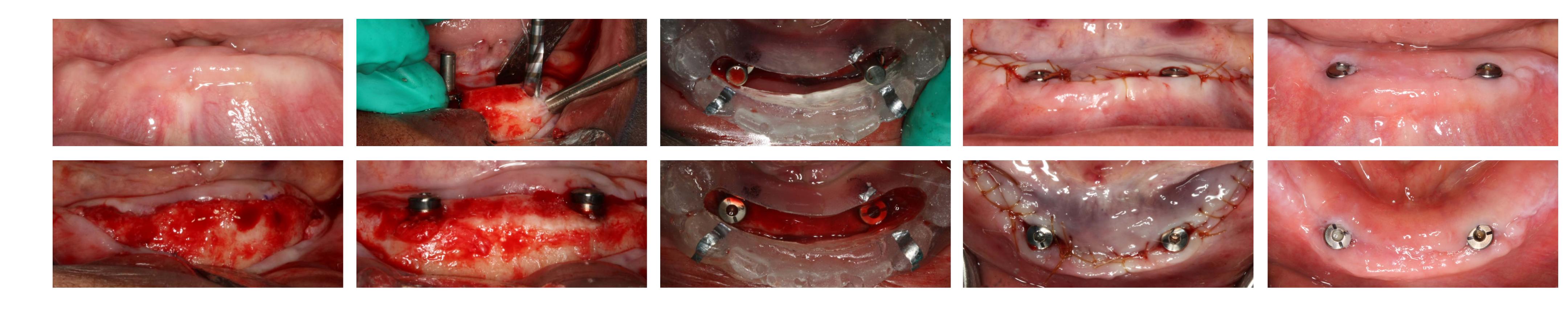








OUR DDS STUDENT IMPLANT EDUCATION IMPLANT SURGERY ELECTIVE



OUR DDS STUDENT IMPLANT EDUCATION IMPLANT SURGERY ELECTIVE



OUR DDS STUDENT IMPLANT EDUCATION PERIODONTOLOGY ELECTIVE

















OUR RESIDENT IMPLANT EDUCATION OVERVIEW

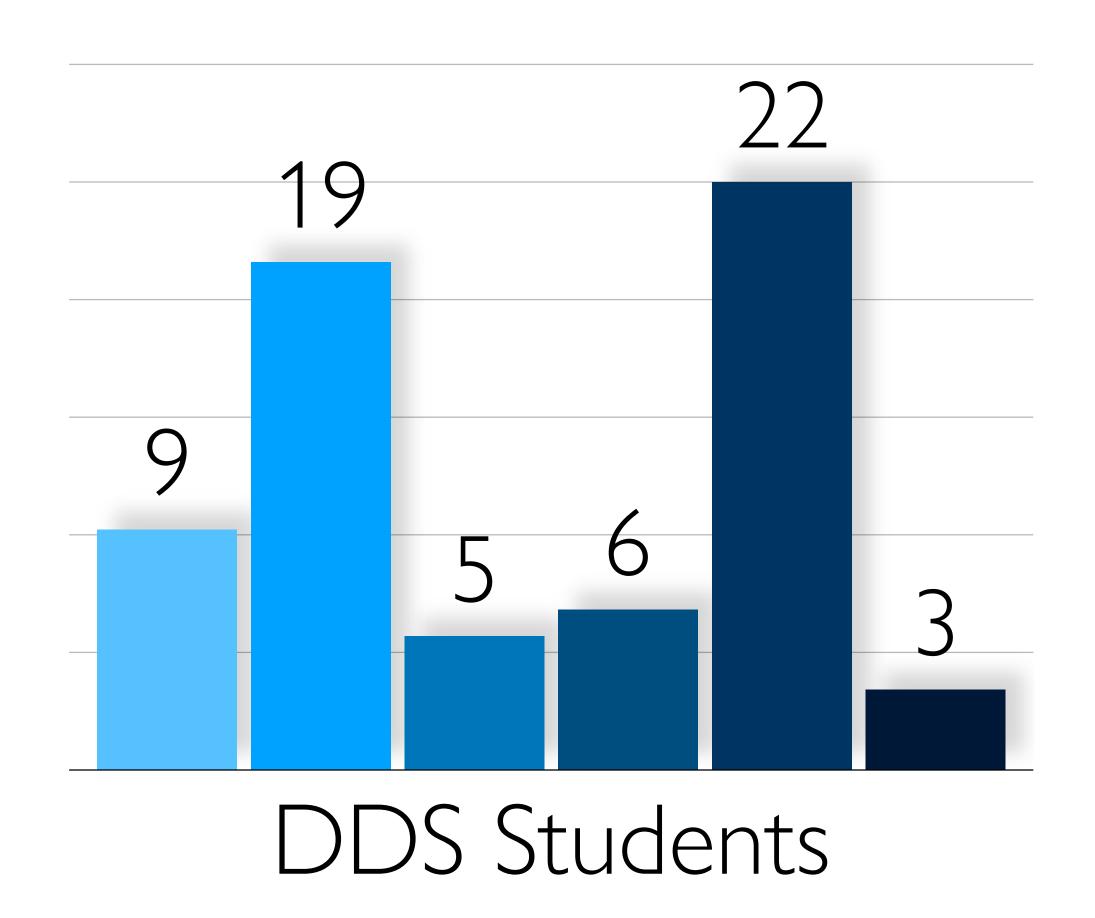
Introduction to Dental Implants (PERI 890)

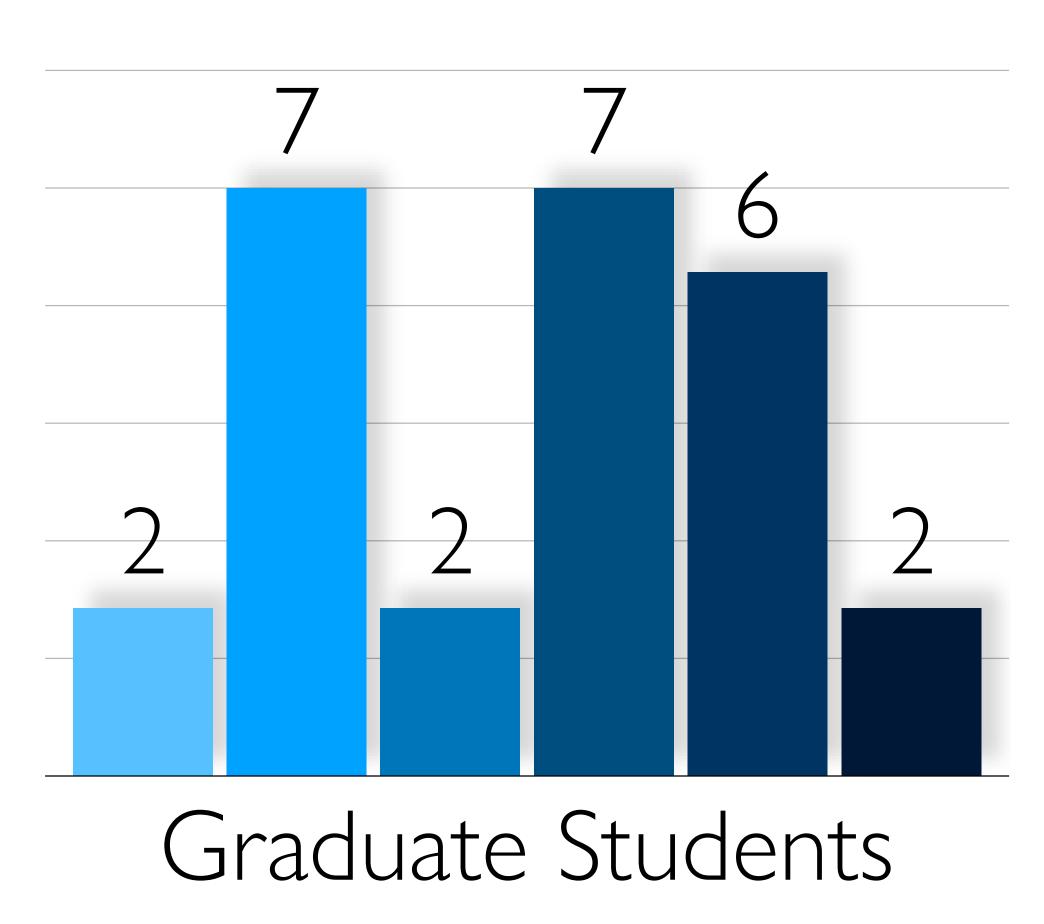
Clinical Implant Complications (PERI 891)

Seminar in Dental Implantology (PERI 762)



OUR RESIDENT IMPLANT EDUCATION DENTAL IMPLANT COURSE



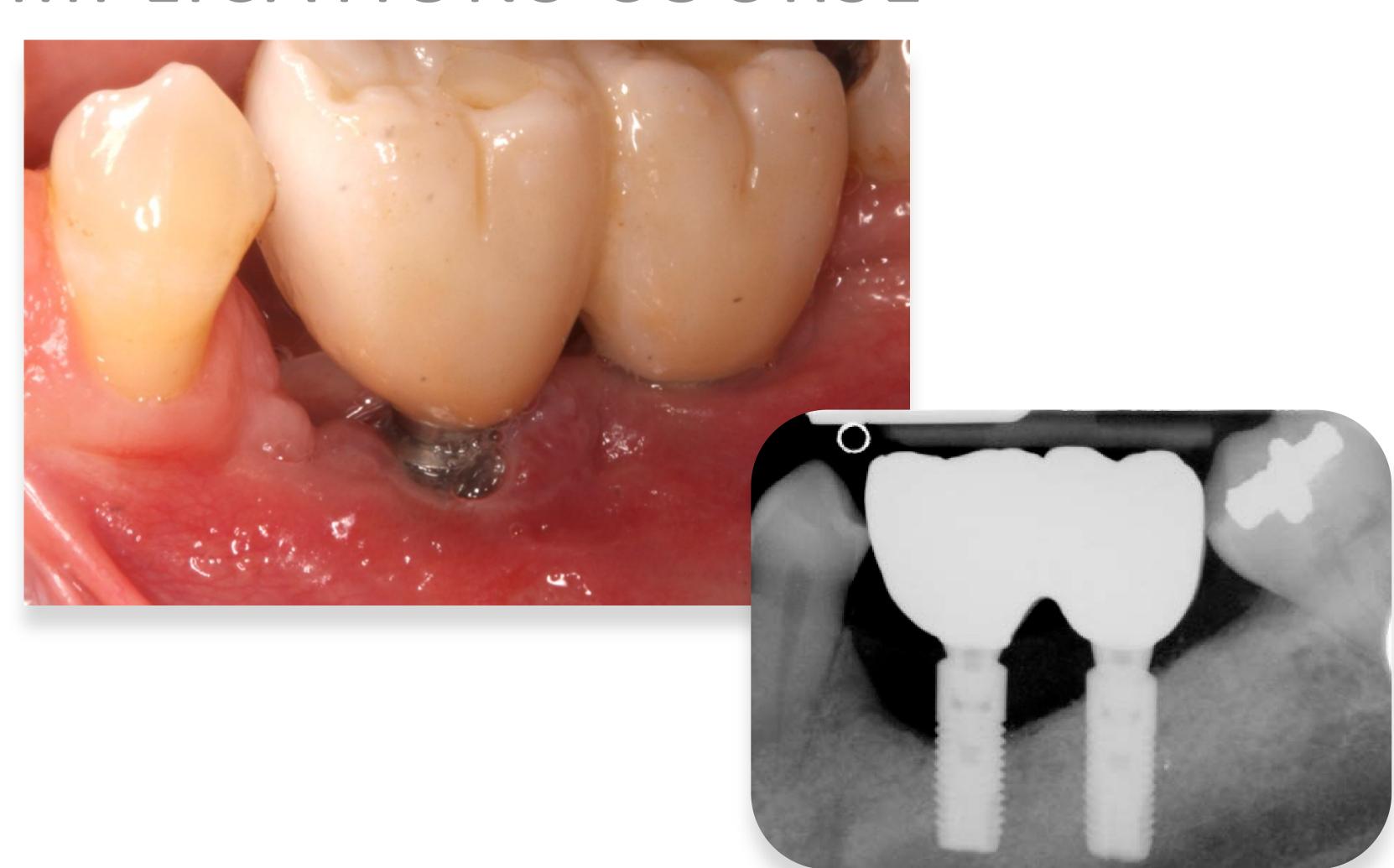


- Implant Basics
- Patient Evaluation/Treatment Planning
- Site Preparation
- Implant Surgery
- Implant Restoration
- Periimplant Diseases

OUR RESIDENT IMPLANT EDUCATION IMPLANT COMPLICATIONS COURSE

Case presentation-based discussion regarding surgical and prosthetic implant complications

Alternating presentations between Graduate Periodontology & Graduate Prosthodontics



OUR RESIDENT IMPLANT EDUCATION IMPLANT LITERATURE REVIEW (PERIO)

Graduate Periodontology Resident course

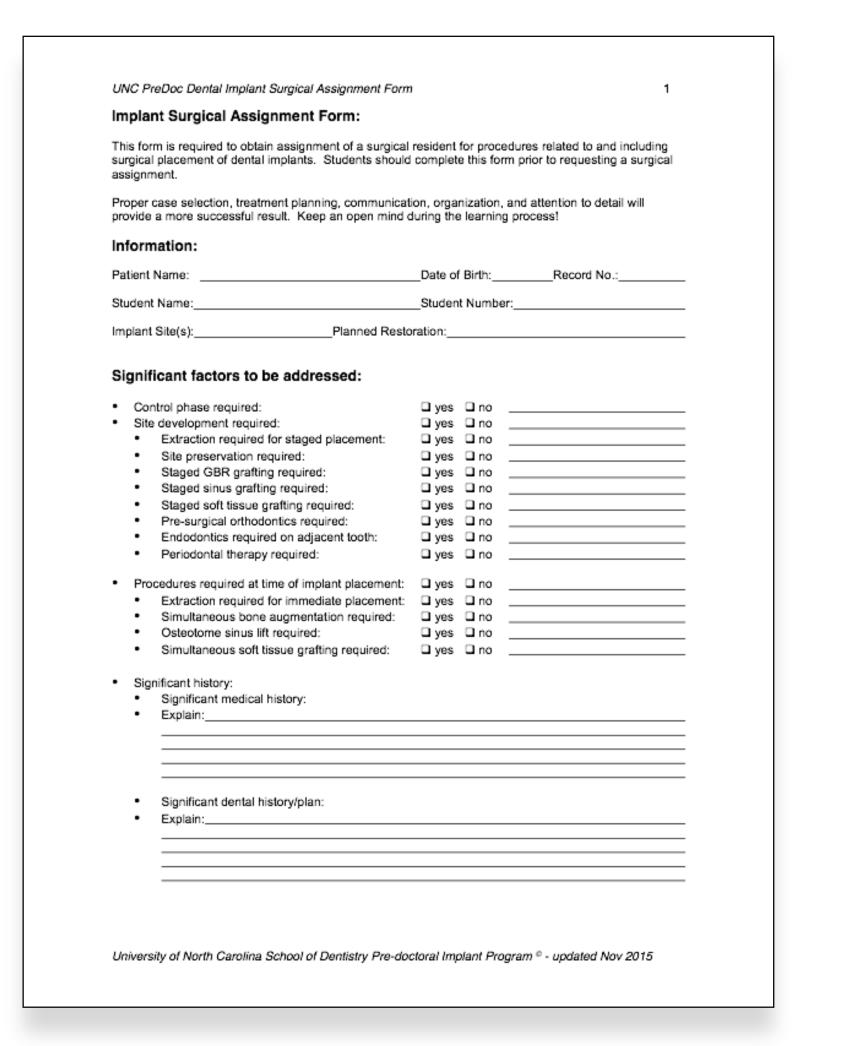
Literature review dedicated to classic and contemporary literature for surgical dental implant therapy

Other Graduate Programs have dental implants incorporated into existing literature reviews

OUR DDS STUDENT CLINICS SURGERY REFERRAL PROCESS

Prior to surgical assignment, students must ...

- complete diagnostic wax-up
- fabricate radiographic & surgical guides
- obtain CBCT
- plan case in SimPlant
- complete planning worksheet

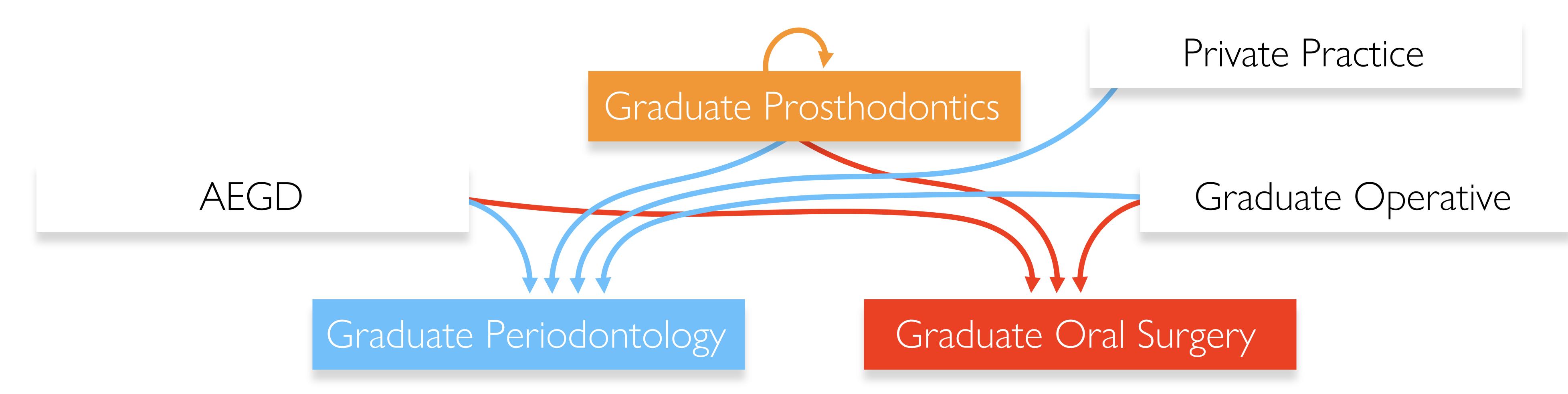


	₩	Completed implant surgical assignment form (this document)
	*	Mounted diagnostic casts
		Diagnostic wax-up or set-up (denture completed for overdenture cases)
		Treatment plan approved and signed
	₩	Appropriate radiographic/surgical template or denture duplication
		CBCT scan completed
		Signed implant surgery assignment note in EPR
	₩	SAC Classification: SurgicalRestorative
		Signed implant restorative consent form (surgical consent to be completed by surgeon)
	*	Case plan utilizing SimPlant software (find DICOM files @ Start → Run → \(\frac{1}{2}\)dentistryst1 →
_		then copy patient folder and paste it into C:DentalData → Open the files through SimPlant)
	*	Print-outs of significant EPR CBCT and/or SimPlant views (2 copies)
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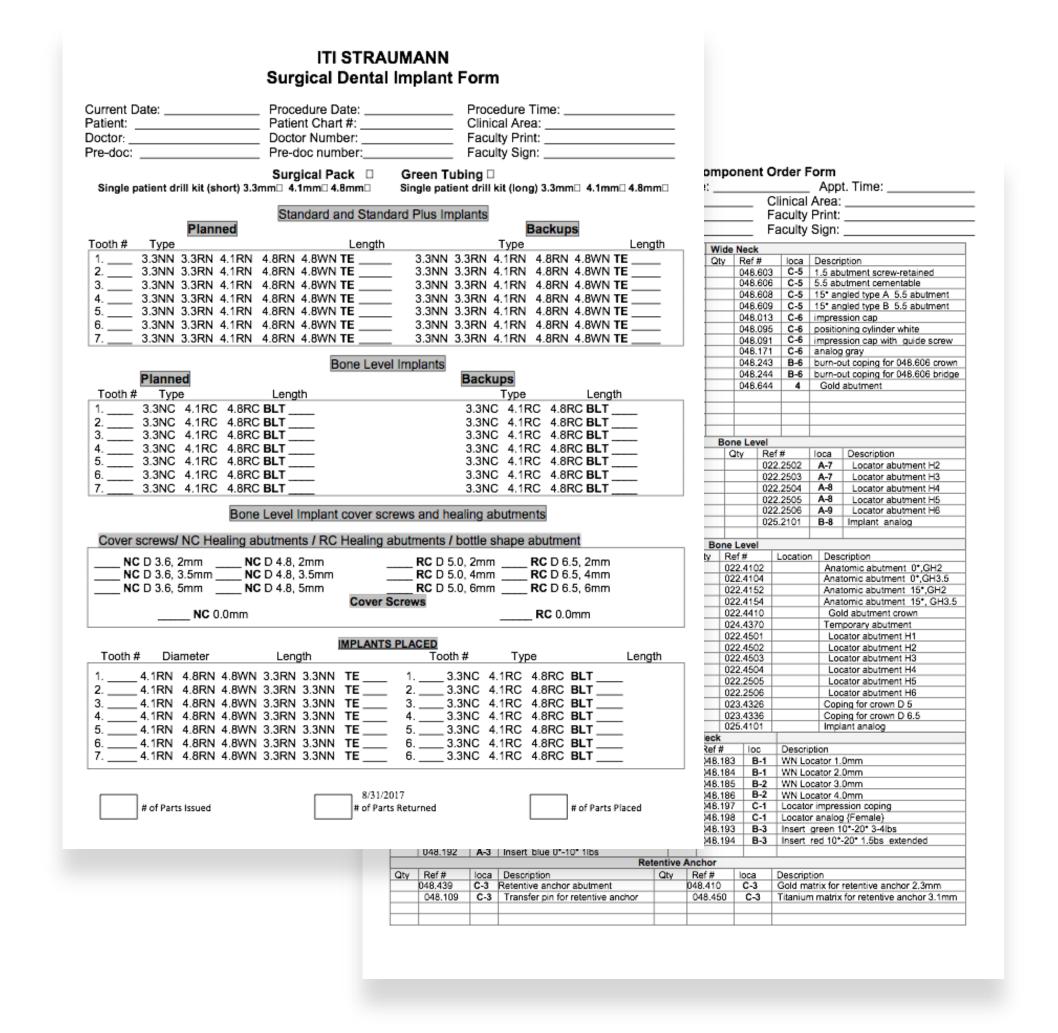
OUR DDS STUDENT CLINICS SURGERY REFERRAL PROCESS

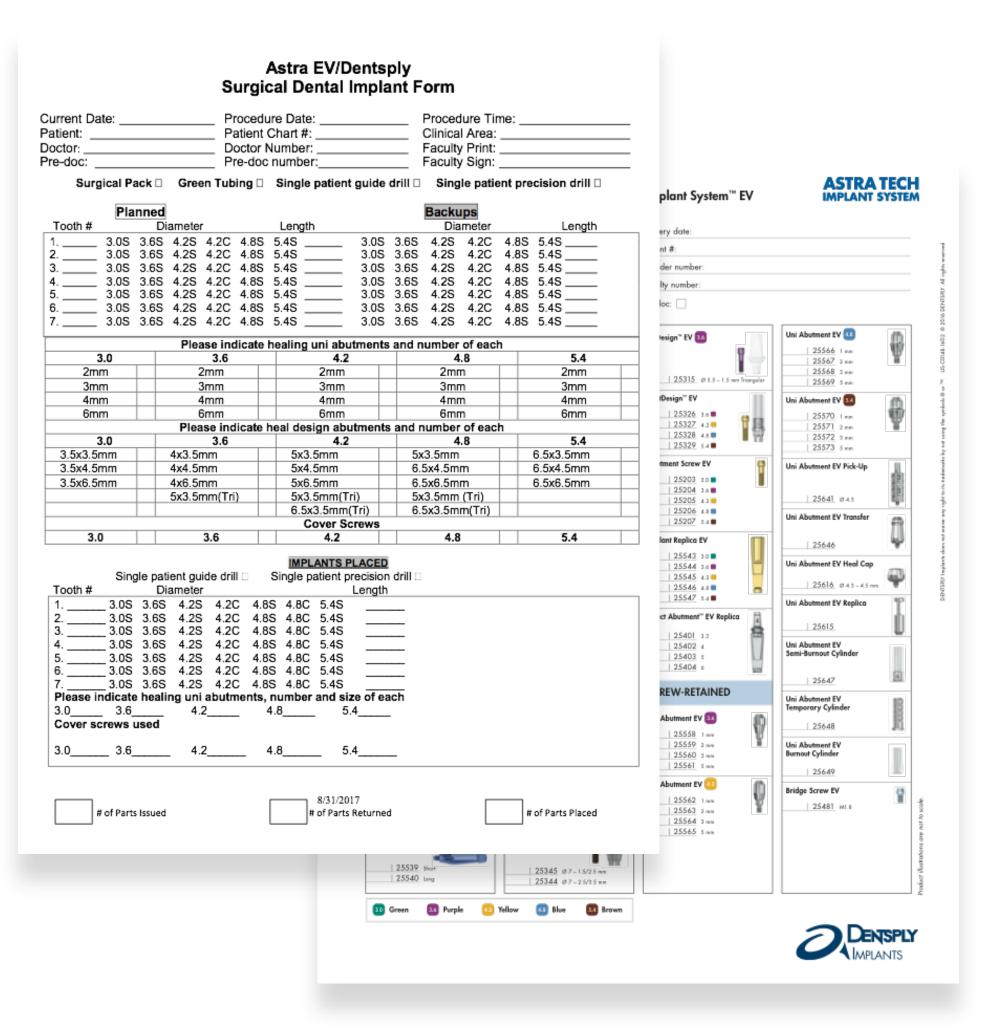


OUR RESIDENT CLINICS SURGERY REFERRAL PROCESS



OUR CENTRALIZED IMPLANT CENTER

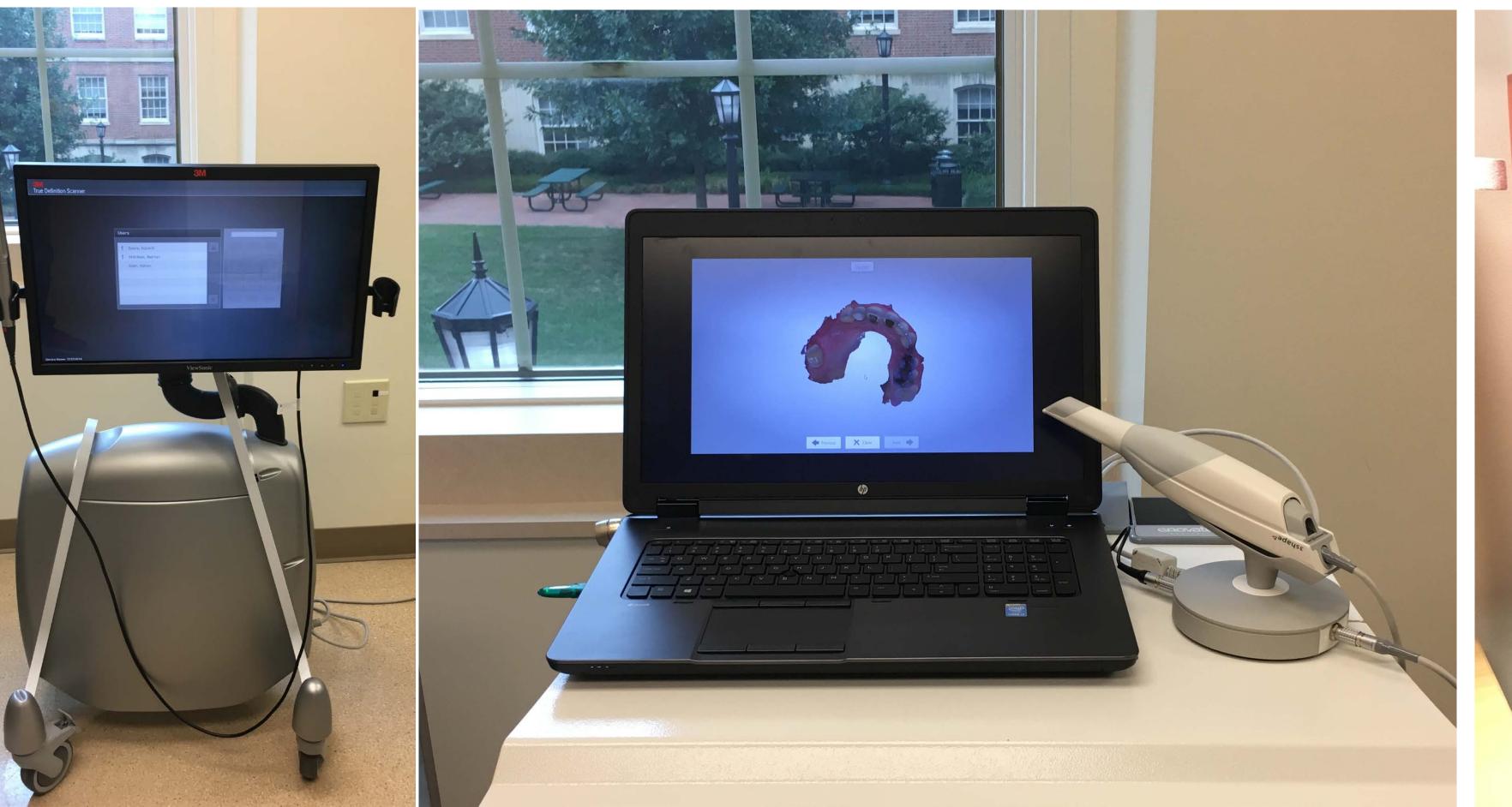


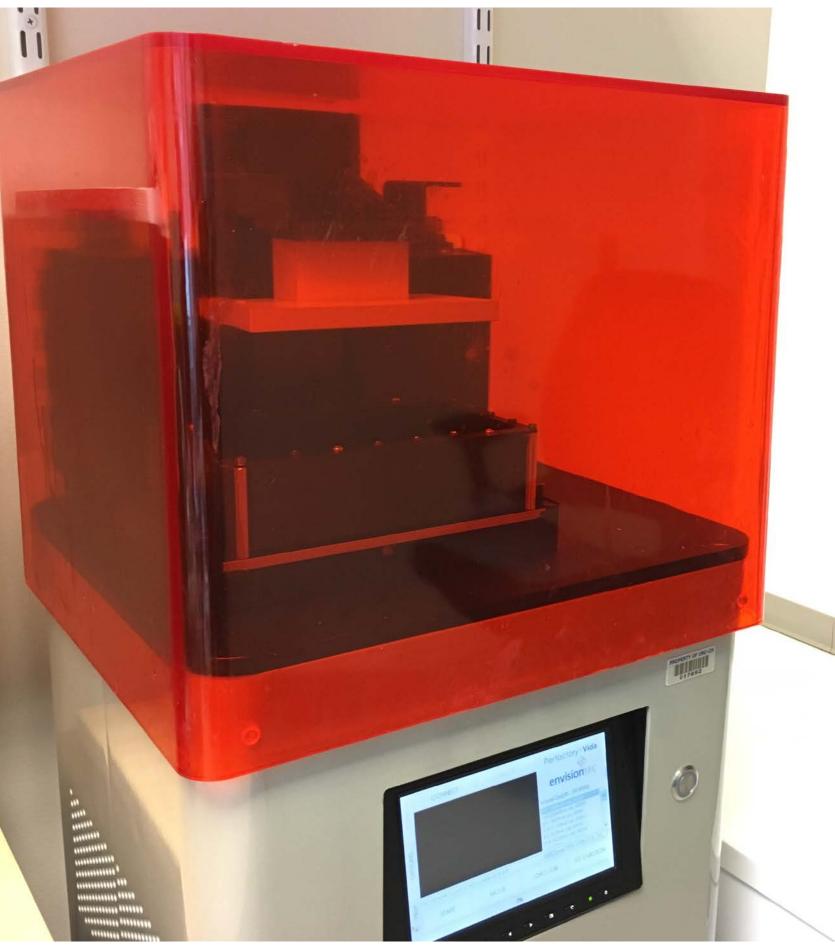


OUR TOYS

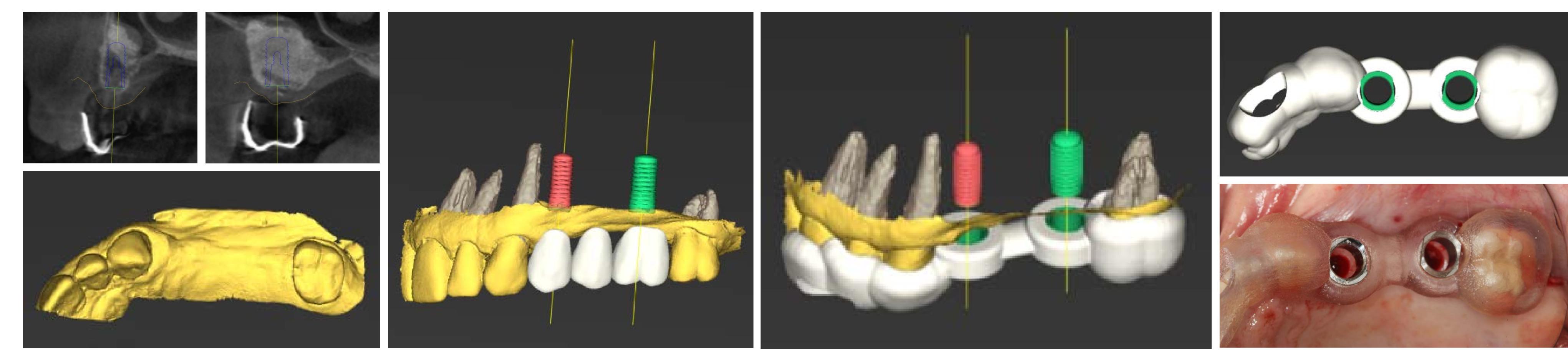






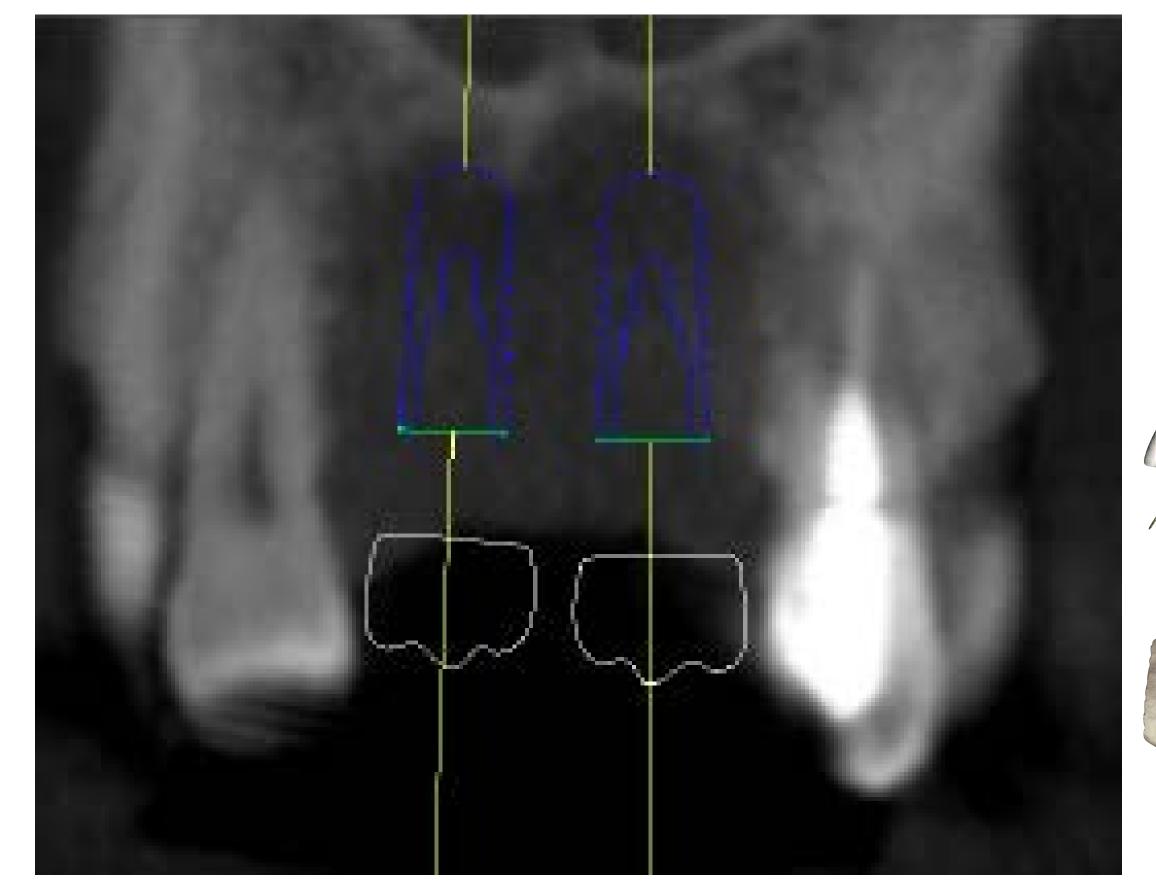


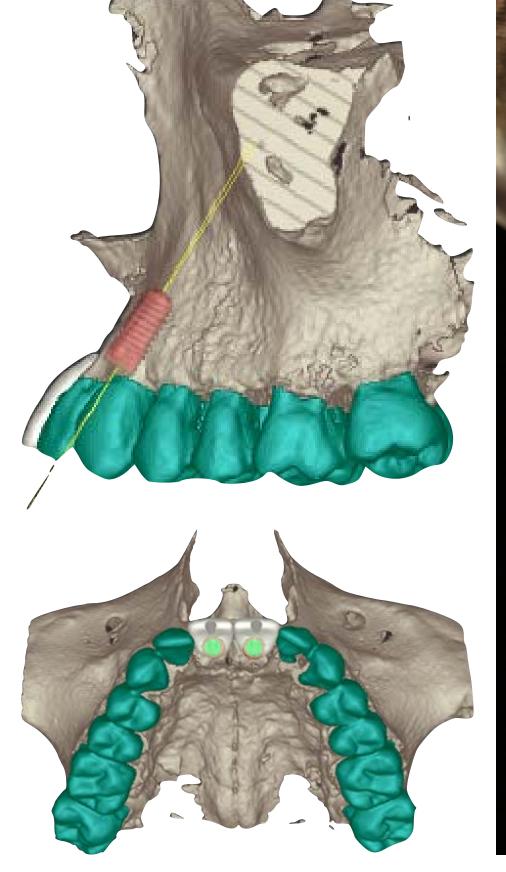
SOME OF OUR CASES

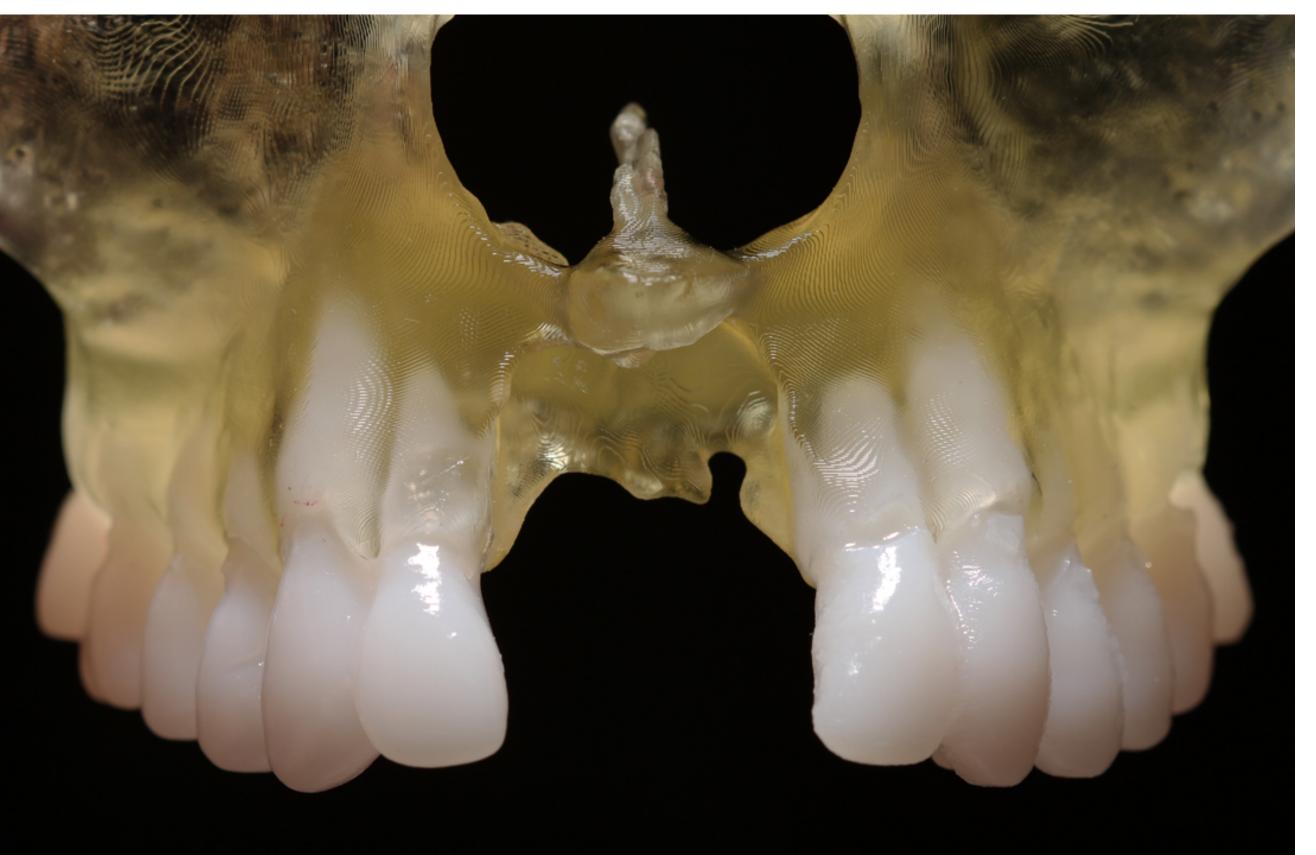


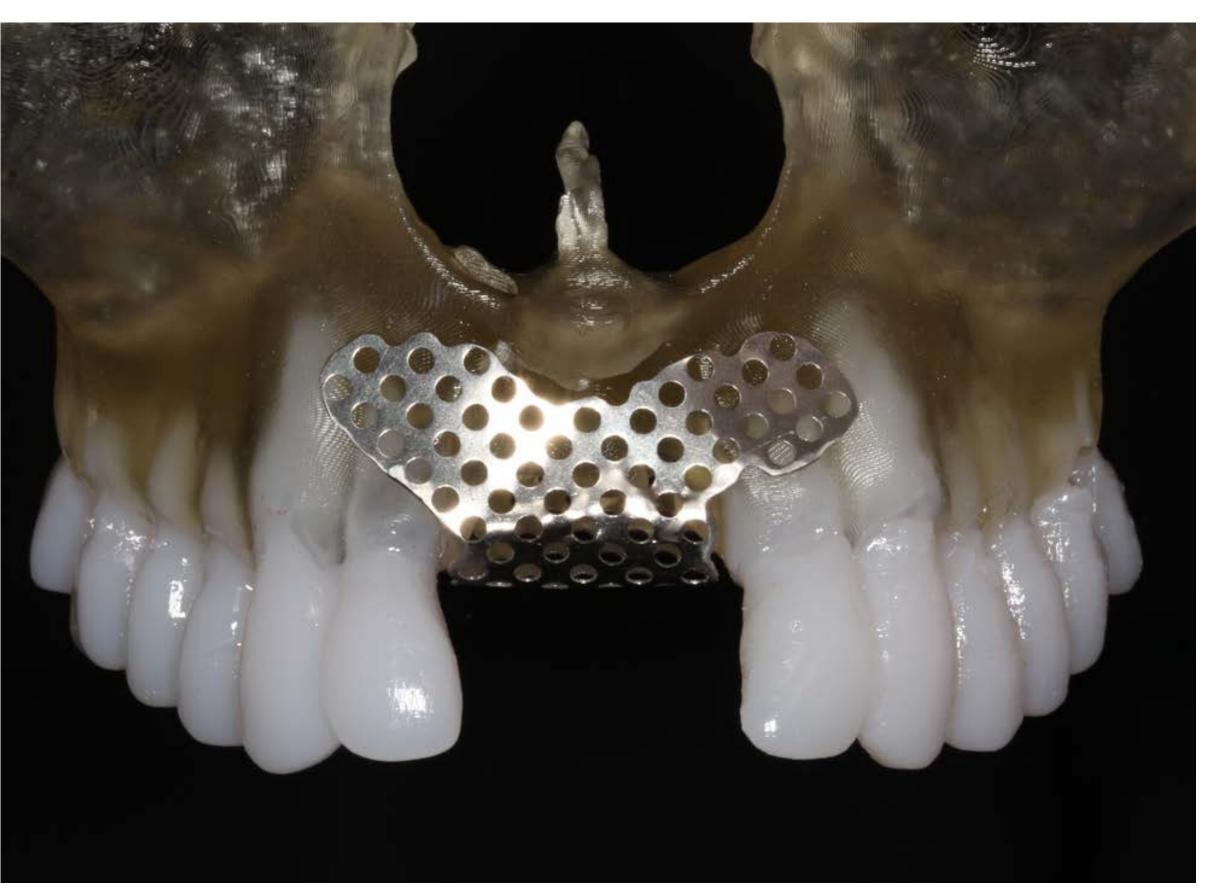
Case Courtesy of Dr. Acela Martinez (Class of 2015)

SOME OF OUR CASES



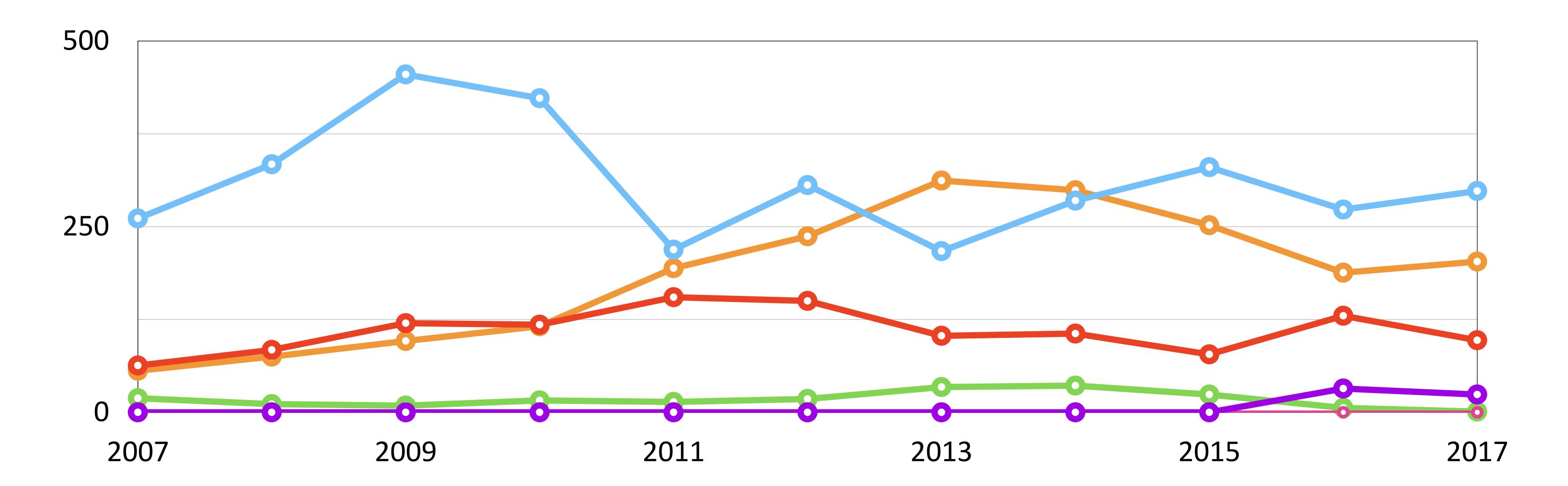






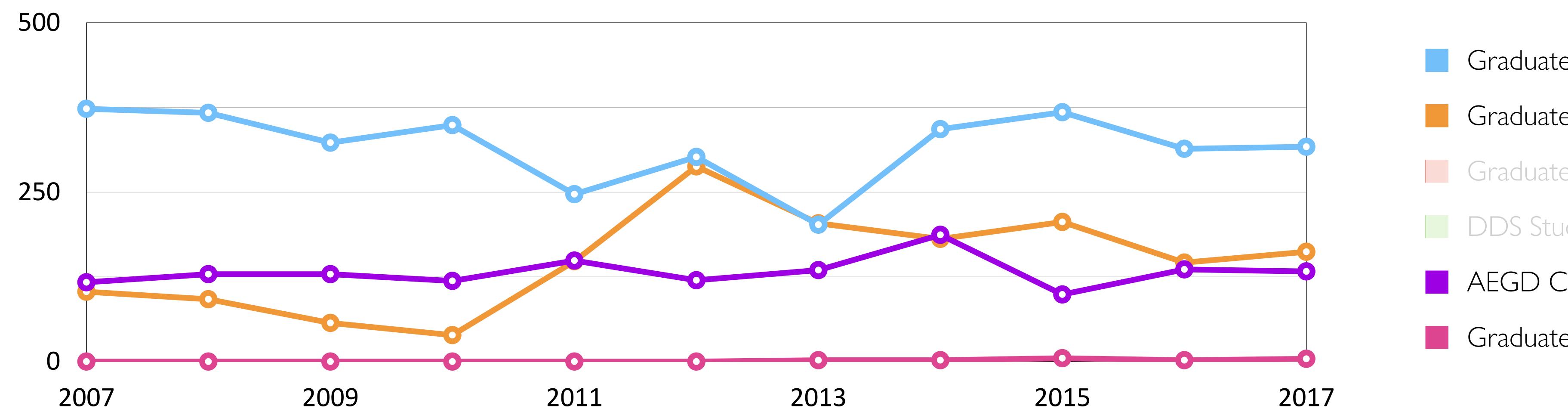
Case Courtesy of Dr. David Semeniuk (Class of 2017)

OUR NUMBERS SURGERY: IMPLANT PLACEMENT



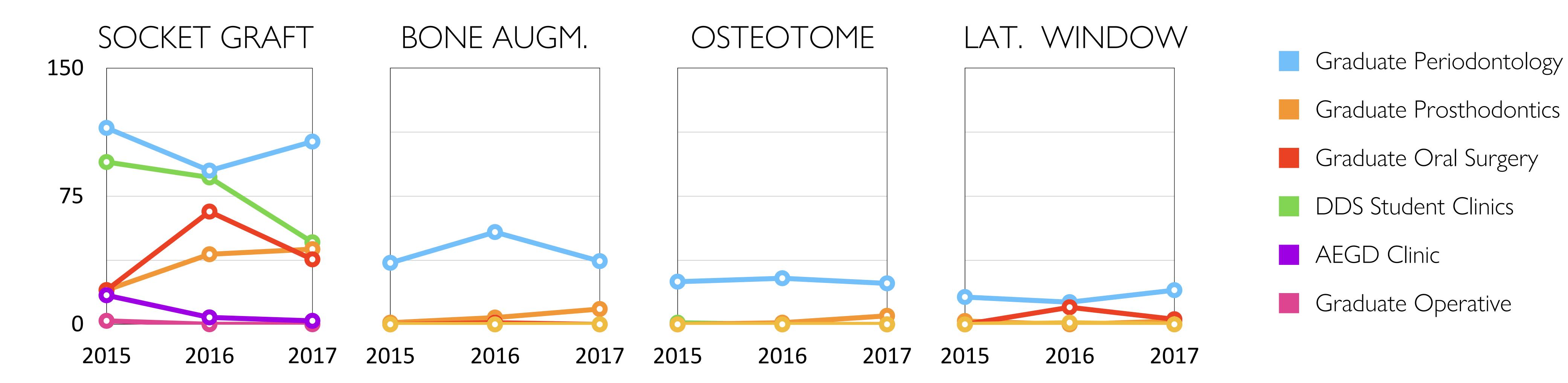
- Graduate Periodontology
- Graduate Prosthodontics
- Graduate Oral Surgery
- DDS Student Clinics
- AEGD Clinic
- Graduate Operative

OUR NUMBERS SURGERY: TOOTH EXTRACTIONS



- Graduate Periodontology
- Graduate Prosthodontics
- Graduate Oral Surgery
- DDS Student Clinics
- AEGD Clinic
- Graduate Operative

OUR NUMBERS SURGERY: BONE & SINUS AUGMENTATION



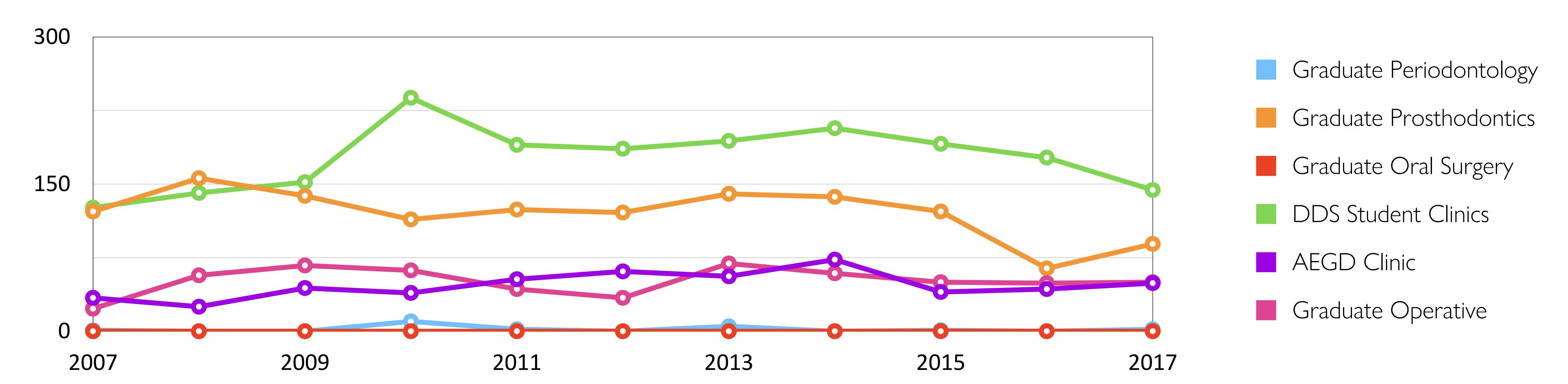
Graduate Prosthodontics

DDS Student Clinics

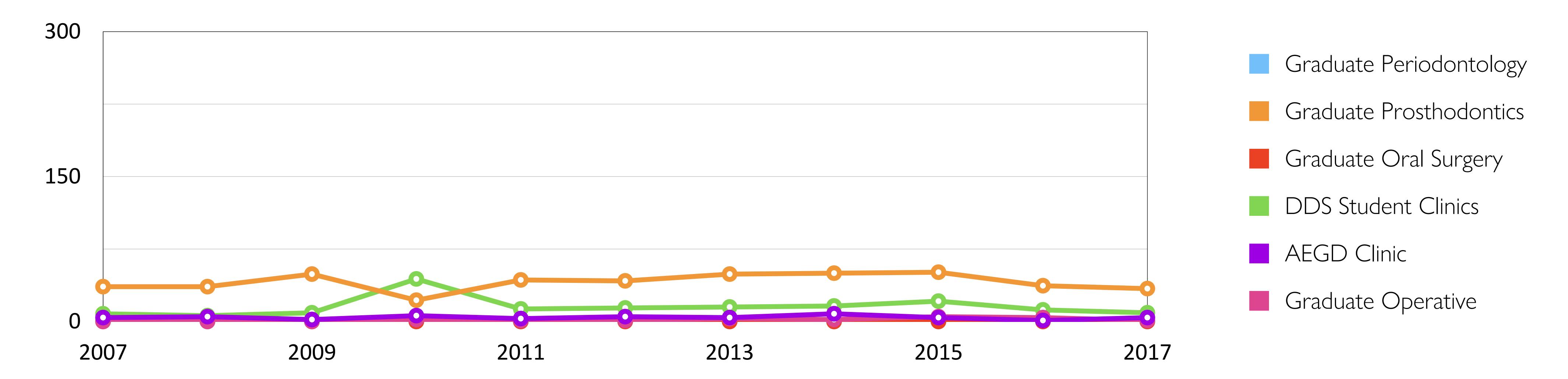
Graduate Operative

AEGD Clinic

OUR NUMBERS IMPLANT RESTORATIONS: SINGLE-UNIT CROWNS



OUR NUMBERS IMPLANT RESTORATIONS: FIXED PARTIAL DENTURES



THE VERY NEAR FUTURE

WHAT WE ARE WORKING ON NOW

Developing digital implant competency

Incorporating periimplant disease diagnosis into current competencies

Strengthening DDS Student educational programs on implant maintenance, periimplant diseases

Standardizing use of CDT codes for reporting and tracking purposes

Standardizing post-crown/restorative delivery protocols

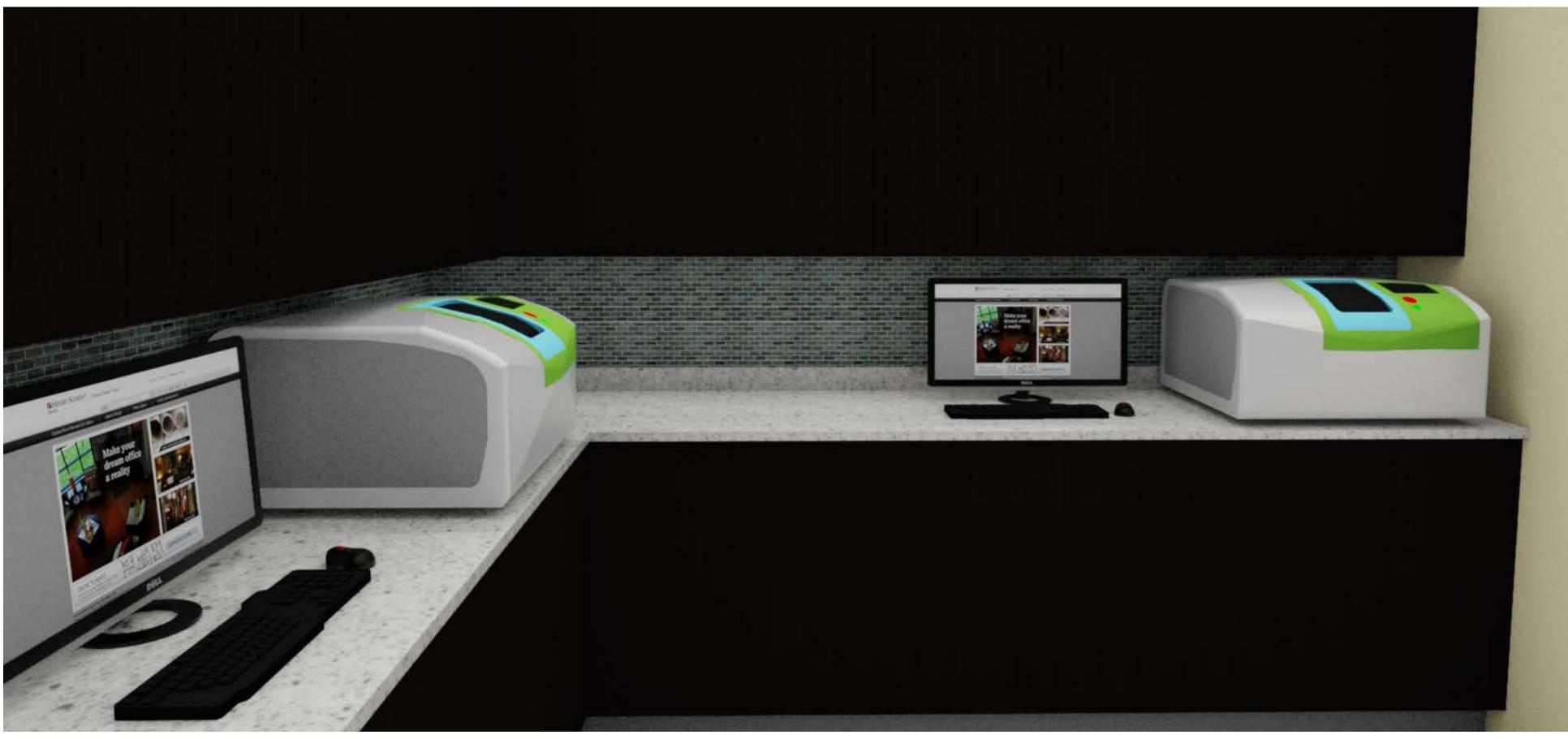
THE VERY NEAR FUTURE

WHAT WE ARE WORKING ON NOW









THE FUTURE

WHERE DO WE GO FROM HERE

Where should the graduating DDS students' prosthetic and surgical skill sets be when they graduate?

How do we best incorporate rapid evolutions in digital implant planning and treatment into our curriculum?

How do we teach our restorative colleagues to focus on early periimplant disease diagnosis and management, long-term implant maintenance, and referral?













