

Advances In Prosthodontics™

New Findings & Best Practices for Cosmetic & Restorative Dentistry

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Do You Have a Patient With Failing Restorations?



Here's the story of a patient who was referred from another dental professional...

If you have a patient with several missing, broken or severely worn teeth — or failing restorations — they may be a candidate for oral rehabilitation with the assistance of an advanced Prosthodontist.

Read more on the next page...

◆ Do you want another opinion on a complex case? Or to talk and share ideas?

There are many ways we can help each other by working together on complex cases and by sharing knowledge and experience. With your reputation for quality dental care, and our experience with restorative treatments, we can work together on advanced cases and both benefit! If you'd like to discuss a treatment, or talk on the phone about how we can help each other, please call or email our office with specific days and times when you're available.

Prosthodontic Publication

Want to see recent issues?

Stay informed on new findings and best practices for cosmetic and restorative dentistry. See more examples of complex cases online at:

AdvancedProsthodontist.com
/ PleasantonPros

CASE SUMMARY:

Full mouth reconstruction utilizing stackable surgical guides and digital smile design

by Dr. Maggie Chao, Prosthodontist
Pleasanton Prosthodontics



Patient “Judy” was referred to me by another dental professional in the area due to her complex needs. Judy presented with maxillary and mandibular partials that were ill-fitting. They were made approximately 6 months prior but she did not use them. Judy had very few viable teeth and was interested in pursuing fixed implant restorations. Her chief concern was to “fix her mouth with dental implants.”

Judy’s diagnosis included caries, failing restorations, malocclusion, partial edentulism, excessive VME (high smile line), chronic moderate generalized periodontitis, and insufficient restorative space for her posterior dentition. Judy’s desire was to have fixed implant restorations to replace both her upper and lower teeth but she needed to break up her treatment into phases. In order to correct her occlusal cant and balance her smile, we decided to move forward with an immediate maxillary denture and a lower All-on-X. It was apparent that communicating with an experienced surgeon and laboratory would be critical for success!

As a prosthodontist, I have experience with complex cases, and can plan multi-stage treatments that coordinate with a patient’s general dentist and other dental specialists. I also have experience repairing or replacing dental restorations whether they are complete or partial dentures, dental implants, crowns, or bridges. For this case, treatment was coordinated with Dr. Westervelt, periodontist, and Sean Han, certified dental technician.

Judy’s treatment sequence included:

- CBCT, intraoral scan, extraoral retracted and smile photos were taken and overlaid.
- An ideal esthetic setup was designed in harmony with Judy’s facial structures.
- Designs were overlaid with the CBCT to plan prosthetically driven implant placement using stackable guides for bone reduction, implant placement, and provisional prosthesis conversion.



I used the All-On-ITX workflow:
www.itxpros.com/all-on-itx

Continued on next page...

Final photos + Digital Design on next page...

◆ Do you have a patient in Judy’s Situation? Or another complex case?

If you have a question about a case and want another opinion, give our office a call. Or, if there’s a case that you want to work together on, please fill out and send in the enclosed referral form.

We will take great care of your patient and keep you informed. Dental professionals refer to us as **The Complex Case Specialists™** because we perform complex cases every day.



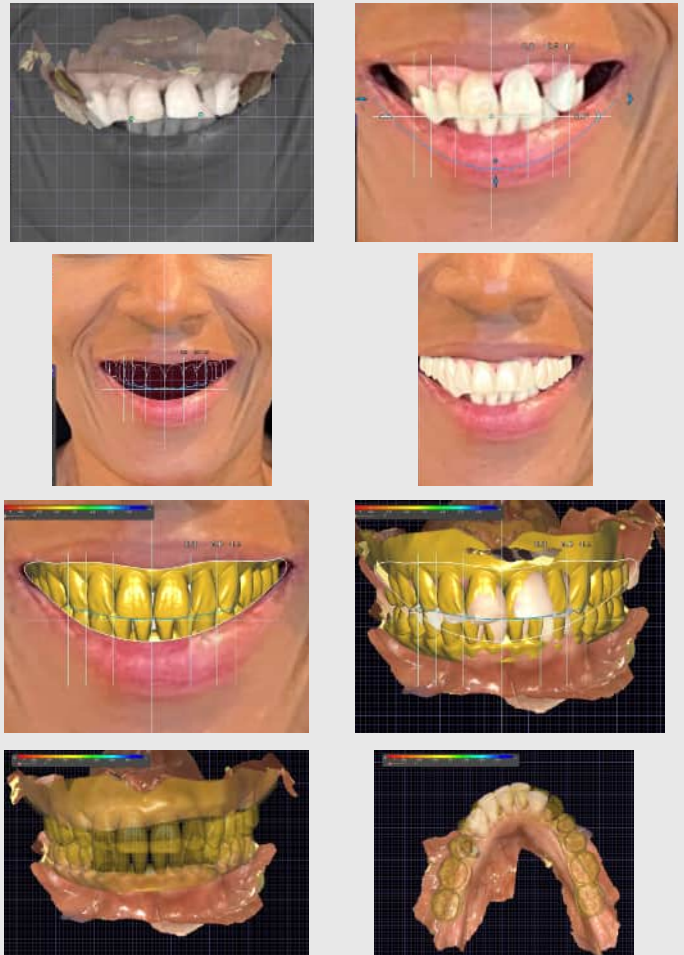
<<< Judy's final result and the smile design we performed digitally to get here >>>



Casts

One of the biggest challenges with this case was managing Judy's occlusal cant and high smile line. Using her extraoral photos to digitally plan the case was integral in placement of incisal edge and determining the position of her teeth. Digital records allowed foresight into proper planning of her occlusion.

Digital Design



Note: We give all referred patients a warranty and refer them back to the general dentist for regular hygiene unless advised otherwise by the referring office, depending on the patient and treatment. If you have questions about our prosthodontic protocols, please email us: office@pleasantonpros.com

With 3 prosthodontists in the same specialty practice, we have increased capacity to work with you on challenging treatments, so your patients don't have to wait weeks to get a plan for comprehensive care and/or to address reconstructive emergencies. In addition, we have digital workflows that reduce the number of appointments even for comprehensive treatment, while still maximizing function and esthetic outcomes, so your patients can receive restorative care in fewer appointments.

◆ Have A Laugh: Shark from the "Finding Nemo" movie...

We hope we made you smile during your busy day!

We take the care of patients referred to us very seriously, including knowing how to educate them so they feel comfortable.

We specialize in the treatment of complex cases. The next time you see a challenging case, please feel free to call us and we can discuss treatment planning or we can help you with any part of the treatment.

Our goal is to be a resource for your office by helping manage difficult and time-consuming procedures, restoring the function and esthetics that the patient desires, then referring them back to your office for their ongoing care.



Quickly Get the Latest Research On Procedures & Materials For Better Outcomes...

Influence of lip retraction on the cone beam computed tomography assessment of bone and gingival tissues of the anterior maxilla

Jesca Neftali Nogueira Silva, Priscila Ferreira de Andrade, Bruno Salles Sotto-Maior, Neuza Maria Souza Picorelli Assis, Antônio Carlos Pires Carvalho, Karina Lopes Devito. *Oral Surg Oral Med Oral Pathol Oral Radiol.* 2017 Jun;123(6):714-720. doi: 10.1016/j.oooo.2017.02.005.

Objectives

To evaluate the influence of lip retraction on cone beam computed tomography (CBCT) assessment of bone and gingival tissues on the labial surface of the anterior maxilla.

Study Design

A retrospective study was conducted using measurements of bone and gingival tissues collected from 120 maxillary incisors. The thicknesses of the bone and gingival tissues of different regions were measured on CBCT images, with and without a lip retractor. The thicknesses of the gingival tissues obtained from CBCT were correlated with measurements performed by clinical probing.

Results

The thickness of bone in the more cervical region presented a higher mean value for exams performed with a lip retractor ($P = .021$). The thickness of bone found a significant correlation with the thickness of the gingiva ($P \leq .020$) with a lip retractor in CBCT exams. The thickness of the gingival tissue obtained from CBCT scans with lip retraction found significant correlations with those obtained clinically ($P \leq .001$).

Conclusions

The use of lip retractors is a simple and reliable practice that allows the measurement of gingival tissues on CBCT images. This practice can exempt a patient from an invasive clinical procedure for measuring the thickness of the gingival tissue for implant cases of the anterior segment.

◆ Why other dental professionals work with a Certified Prosthodontist

Certified Prosthodontists are specialists in implant, esthetic, and reconstructive dentistry.

1. You have a patient requiring treatment outside your typical scope of practice.

Examples include patients with vertical dimension discrepancies, severely resorbed ridges, inadequate interarch space, severe bruxism, traumatic tooth loss, or congenital abnormalities.

2. You have a patient with complex needs that may drain your time.

If your patient may require treatment from several specialists, Prosthodontists can help because they are trained to appropriately stage and manage complex treatment plans.

3. You have a demanding patient who wants perfect esthetics.

Examples include patients with a high smile line or needing a single tooth replacement in the esthetic zone. A Prosthodontist is trained in selecting the best solutions for high-demand patients.

4. You have a question and want to discuss a case with a colleague to ease your mind.

A Prosthodontist can be an excellent resource for you to ask questions because they are trained in many types of complicated treatments. For example, you may want to consult or refer to a Prosthodontist for complex implant-supported restorations. A Prosthodontist can work with you or complete the treatment for you to achieve the best in both function and esthetics.